DOCUMENT RESUME

ED 237 636 CE 036 395

TITLE	The Development of an Occupational Information System (OIS), Volume II.
INSTITUTION	Louisiana State Univ., Baton Rouge. Div. of Continuing Education.
SPONS AGENCY	Louisiana State Dept. of Labor, Baton Rouge.
PUB DATE	Nov 82
NOTE	267p.
PUB TYPE	Reports - Descriptive (141)
EDRS PRICE	MF01/PC11 Plus Postage.
DESCRIPTORS	*Computer Oriented Programs; Development; *Information Systems; Labor Market; *Labor Needs; *Labor Supply; *Occupational Information; Postsecondary Education
IDENTIFIERS	*Louisiana; *Occupational Information System

ABSTRACT

Suppliers of postsecondary trained manpower data in Louisiana were surveyed during a project to obtain labor market information and occupational supply/demand information. All supply data were computerized and assigned to the appropriate training file. The data compiled fell into four major categories with regard to the method(s) of capture and introduction into the system. Various methods were used to develop these components of the Occupational Information System: occupational demand, occupational supply, crosswalk, and coding systems. Data indicated shortages in such occupations as general merchandise, law enforcement, heavy equipment operations and maintenance, secretarial occupations, and general clerical occupations. The largest surpluses were shown in real estate, practical nursing, barbering, welding, electrical and electronics technology, and air conditioning. [Appendixes, amounting to the largest portion of the report, include (1) correspondence and sample questionnaire; (2) tabular data presented by Labor Market Area in ascending order by the United States Office of Education code, in descending order by difference between demand and supply, in a summary table of unmet demand, and in descending order by difference between demand and supply for occupational training by educational/training entities; and (3) occupational and educational code crosswalk.] (YLB)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED237636

THE DEVELOPMENT OF AN OCCUPATIONAL INFORMATION SYSTEM (OIS), VOLUME II

Submitted to:

Governor David Treen

Submitted by:

Louisiana Department of Labor
State Occupational Information
Coordinating Committee

Prepared by:

Governmental Services Institute
Division of Continuing Education
Louisiana State University

U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official NIE position or policy.

November 1982

PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

John McCarty

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

This document was published at a cost of $3.29 per copy by the Louisiana Department of Labor, Post Office Box 44094, Baton Rouge, Louisiana 70804 to disseminate information on the current and projected supply and demand of manpower in the state. This material was printed by state agencies established pursuant to R. S. 43:31.

CE036395

State of Louisiana
DEPARTMENT OF LABOR
POST OFFICE BOX 44094
Baton Rouge, Louisiana 70804
(504) 342-3011

DAVID C. TREEN
GOVERNOR

ULYSSES WILLIAMS
SECRETARY

December 10, 1982

The Honorable David C. Treen
Governor, State of Louisiana
Post Office Box 44004
Baton Rouge, Louisiana 70804

Dear Governor Treen:

I am pleased to present the Development of an Occupational Information System (OIS), Volume II. This report provides comprehensive data on the demand and supply of trained manpower, projected to 1985.

The report contains data and information that will be a valuable source for planners and administrators, career and job counselors, and job seekers.

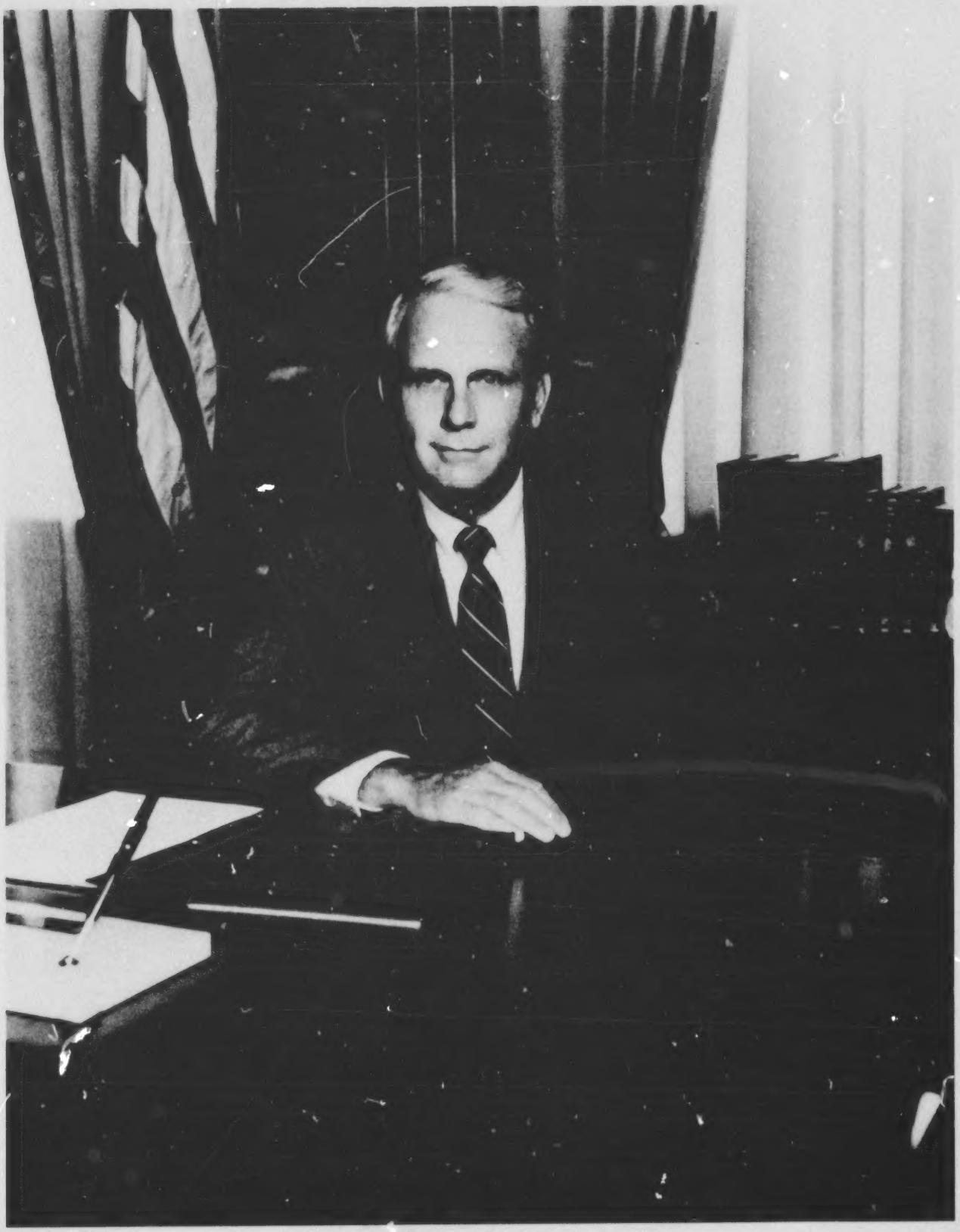
I trust that you will find the report both informative and useful.

Sincerely,

Ulysses Williams

Ulysses Williams

UW:cvp



DAVID C. TREEN
GOVERNOR

State of Louisiana
EXECUTIVE DEPARTMENT
Baton Rouge

To The Citizens of Louisiana:

The information in this report, the Development of an Occupational Information System (OIS), is an attempt to consolidate data on future occupational demand and supply in a comprehensive reference for job seekers, and administrators and planners of training programs. It is the first effort of this kind in the state.

In the past, Louisiana has been somewhat insulated from the swings in the national economy. However, with a current unemployment figure of about 208,500, greater attention has to be paid to manpower planning. Training institutions must adjust their curricula to meet the projected high growth occupations, while upgrading or phasing out programs that no longer meet the needs of employers. Counselors in education and training institutions now have definitive information on the projected supply and demand outlook by occupation. Also, industrial planners have at their fingertips the number of trained workers by occupational category for planning districts in the state.

I am pleased to release this report, confident that the information presented here will be of interest to you and to the public officials of the state.

Sincerely,

David C. Treen

David C. Treen

PREFACE

This is Volume II of the report to the Louisiana Department of Labor on the development of a statewide Occupational Information System conducted under the contract with Governmental Services Institute (GSI Project Number SP-037-00).

The overall objective is to develop and implement a comprehensive Occupational Information System for Louisiana.

The objectives of the phase conducted in Fiscal Year 1982 were:

1. The gathering and coding of data necessary to prepare occupational supply forecasts.

2. The development of an ongoing data collection system.

3. The projection of manpower supply.

4. The development of a system for the generation and consideration of manpower policy alternatives based on OIS demand/supply forecasts.

5. The development of an ongoing data distribution system.

6. The completion of the testing of the computer-based OIS, and the taking of initial steps toward bringing the system "on line."

Key project personnel of the study included Geneva B. Carroll, Ph.D., project director, of Governmental Services Institute; A. M. M. Jamal, Ph.D., analyst, and Donald Kirsopp, computer analyst, of the Division of Research, College of Business Administration. Support personnel included Anita Aiken, editor; Billie Townsend, business manager; Avril Miller, word processor operator; and Kim Puckett, typist. Tremendous support was added by student interns Kay Starnes, Xenia Mendizabal, Andy Ledbetter, Michael Linn and Charlotte Pasqua.

Funds for support of the OIS project were provided by CETA Special Grant funds from April 15, 1981 through September 30, 1982. During Fiscal Year 1982-83 a state general fund appropriation was provided to the Department of Labor for the State Occupational Information Coordinating Committee (SOICC) to contract with GSI for the continuation of the project.

CONTENTS

		Page
I.	Introduction	1
II.	Data Collection	3
III.	Data File Description and Format	9
	A. Group I Data Source	10
	B. Group II Data Source	10
	C. Group III Data Source	13
	D. Group IV Data Source	13
	E. Standardizatioan of the Data	14
IV.	Methodology	15
	A. Occupational Demand	15
	B. Occupational Supply	18
	C. Crosswalk.	23
	D. Coding Systems	23
V.	Policy Implications for the Occupational Information System	25
	A. Shortages	26
	B. Surpluses	30
References		33

Appendix A: Correspondence and Questionnaire
1) Letters introducing project and encouraging response
2) Introductory letter for student interns
3) Sample questionnaire

Appendix B: Tabular Data

Appendix C: Crosswalk

I. Introduction

I. INTRODUCTION

Congress, the federal executive branch and local governments have long recognized the need to improve the quality and quantity of information relative to both labor demand and supply. They have reasoned that with the availability of more current and accurate occupational supply and demand information, the huge sums spent on vocational education, higher education, training, and unemployment compensations could be more effectively utilized. The use of such information could create a better understanding of the occupational demand shortages, as well as indicate those occupations for which there are projected surpluses of trained individuals.

Occupational demand and supply data, that is, data indicating the number of workers needed for a projected period in time and the number being trained for a specific job, are essential for effective decisionmaking regarding the initiation, continuation or termination of academic and training programs.

The overall goal for this project, as stated in the Interim Progress Report on the Development of an Occupational Information System (OIS) published November 1981, is to provide labor market information and occupational supply/demand information for individuals, vocational education and employment and training administrators and policymakers. The basic conceptual framework was presented in the November 1981 publication (Phase I of the project); therefore, this report will emphasize data collection and format, data analysis, data limitation issues and policy alternatives.

II. Data Collection

II. DATA COLLECTION

During Phase I of the project, all potential suppliers of post-secondary trained manpower data were identified. Personal visits, telephone calls, presentations to formal organizations and questionnaires were used to elicit information from primary providers of data. (See Figure 1, Data Collection Matrix.)

A list of all vocational-technical and proprietary training institutions, including hospitals, was compiled using the following: Directory of 1979 Post-Secondary Occupational Education Opportunities in Louisiana, Louisiana Board of Regents (1979); Directory of Post Secondary Schools with Occupational Programs, National Center for Educational Statistics (1978); Louisiana Proprietary School Directory, Publication #1404. Louisiana State Department of Education, 1982; and Licensed Occupations in Louisiana, Louisiana State Occupational Information Coordinating Committee, 1981. Ms. Debra Bowland, Secretary of Labor, mailed letters to all educational/training institutions in 1981 explaining the purposes and utility of the development of an OIS, and the need to receive from them trainee data. A second letter, signed by W. L. Wagner, SOICC Director, was attached to the survey forms mailed to each training institution. This letter further explained the OIS, assured the respondent of anonymity, and explained the importance of receiving a 100 percent response rate. A follow-up letter was mailed by Geneva Carroll, Project Director. (See Appendix A.)

Data format on the survey form included information on all enrollees and completors/graduates of the programs from 1970 to 1980 by: (1) year of completion; (2) parish of residence; (3) program areas/field of training; (4) sex and (5) race. There was a 90 percent response rate from the vocational-technical schools. The vocational-technical survey data were supplemented by data from the Louisiana Department of Education records which gave a complete data set from this training entity. There was an 80 percent response from the hospitals but only a 17 percent response rate from proprietary schools. Survey data from the National Center for Educational Statistics (NCES) was used to supplement data from the proprietary sector. With these data and data from the cosmetology and real estate boards, 78 percent of the 159 proprietary institutions are included in the projection model.

The ideal geographic unit of analysis for the data file was the parish of residence of the trainee/completor. However, many data providers do not maintain their records by parish of residence. An analysis of the responses to the questionnaire questions on distribution by parish of the completors indicated that an overwhelming majority of the trainees lived in the parish in which the training facility was located. Therefore, residence of completors of vocational-technical and proprietary school programs was recorded as that of the parish in which the school was located.

Parish of residence for completors/graduates from the 1979-1981 Higher Education General Information Survey (HEGIS) file was assigned using the same ratio as that of total juniors and seniors for each discipline. Information from HEGIS Student Profile and Degrees Conferred files was used to make such assignments.

All licensees who are required to obtain specific training and who are licensed by a Louisiana licensure board or commission (Figure 1), are reported by address of licensee. The addresses were translated into parish codes and were used as historical data for the supply projection model. These data are more complete than institutional data because the files contain "in-migrants" as well as state-trained persons. Also, historical data were more readily accessible since printed directories were available from either the respective boards or university libraries.

Summary trainee information from the Department of Commerce was obtained for Fiscal Years 1979-80 and 1980-81. The task of determining occupational classification of the 3,054 trainees in Fiscal Year 1980 and 4,351 trainees in Fiscal Year 1981 proved to be too costly. Trainees for Fiscal Year 1980 were allocated across 38 firms and those in Fiscal Year 1981 were trained by 45 firms. It might be possible to run the data against the I/O matrix and assign occupations, but these training slots are filled as a result of an immediate demand for trained employees and in this respect may reveal a distorted picture when used to make supply projections.

Data for 1977 to 1981 was collected from Job Corps. However, neither occupational nor parish of residence data were available for the trainees. An average of 2,334 Louisianians were trained annually in Job Corps centers during this period. It is hoped that in the future, reliable substate data will be available from Job Corps.

Figure 1. DATA COLLECTION MATRIX

Sources	DESCRIPTORS*										
	Demographics				Data Form			Time Span			
	Parish of Residence	Sex	Race	Occupation or Skill	Hard Copy	Computerized	Not Collected	1950-pres	1960-pres	1970-pres	1975-pres
PUBLIC Department of Education Vocational Technical (VEDS/CIP)	School Location	x		x	x					x	
Board of Regents High School Graduates	x	x	x			x		x			
Board of Regents Institution of Higher Education (HEGIS/CIP)	x	x	x	x		x					1977
Department of Labor CETA Contract	x	x	x	x	x						1978
Department of Labor CETA Class-Size					x						1980
Department of Labor Office of Labor (Apprenticeships)	x	x	x	x	x			x			
Department of Commerce Commerce and Industry Traineeships	x			Industry	x						1979
U.S. Department of Labor Job Corps	State Only				x						1977
U.S. Department of Defense Defense Manpower Data Center (Separations)	x	x	x	x		x					1979
PRIVATE Private or Proprietary Schools (Surveys and NCES)	x	x		x	x	x				x	
Hospitals	x	x		x	x	x				x	

Figure 1. DATA COLLECTION MATRIX (Cont'd)

DESCRIPTORS*

Sources	Demographics				Data Form			Time Span			
	Parish of Residence	Sex	Race	Occupation or Skill	Hard Copy	Computerized	Not Collected	1950-pres	1960-pres	1970-pres	1975-pres
STATE BOARDS											
Board of Nursing (RN's) (Directory)	x	x		x	x			1952			
Board of Practical Nursing (LPN's) (Directory)	x	x		x	x			1955			
American Medical Association (M.D.'s) (Directory)	x	x	x	Specialty	x		x			x	
Board of Dentistry (Directory)	x	Name Only	Partial	3 Categories	x		In Process		With Gaps		
Board of Embalmers and Funeral Directors (Directory)			x	2 Categories	x						1977
Board of Sanitarians	x	x	x	x	x				1967		
Board of Chiropractors		x		x	x		x			('70-'80 summed)	
Board of Cosmetology				3 Categories	x					x	
Pharmacy Board	x	Name Only			x					x	
Bar Association (Directory)	x	Name Only		x	x		x	With Gaps			
Real Estate Commission	x				x			x			
Board of Speech Pathology, and Audiology	1979	x		x	Cardex File		x				1973
Board of Veterinary Medicine					x		x				1960
Board of Optometry					x		x				
Board of Osteopathy					x		x				
Nursing Home Administrators	x	x		x	x					x	
Board of Barbers	x			x	x			x			
Emergency Medical Technology	x			x	x					x	

An additional source of trainee data that has been obtained, but has not been integrated into the OIS data base, is defense data. The computerized data acquired from the Defense Manpower Data Center, Monterey, California, contains separation data for three years by branch of service, race, sex, parish of residence upon separation, and Department of Defense (DOD) occupational code. These data will be added to the data base in the future.

A concerted effort was made during the data identification process to clarify the possibility of multi-counting trainees. For example, CETA trainees enrolled in vocational-technical schools were counted as trainees of the vocational-technical institutions only. That is, for purposes of assigning trained manpower to a training institution, CETA trainees are reported under the vocational-technical programs while CETA class-size Community Based Organization (CBO) trainees are presented under a separate training source. Similarly, vocational rehabilitation recipients are trained by, and counted, in either the vocational-technical or HEGIS training source only. Licensed practical nurses and similar licensed occupations appear on the institution file and the Board data file. (In this case, only data from boards were used to project supply data.) Additionally, persons receiving associate degrees and reported on the HEGIS file were not included in such training sources as CETA.

All supply data were computerized and assigned to the appropriate training file. (See Figure 2 for Educational/Institution File format.)

Figure 2

Report File Format by Educational/Training Institution

Occupational	USOE Code	Year	Number of Completors and Data Source								
			Vocational Technical								
			Vo-tech School Completors	CETA Trainees	CETA Class Size (CBO)	Apprentice-ships	Proprietary including Hospitals	HEGIS	National Center for Educational Statistics (NCES)	Department of Defense	Boards and Commissions
Nursing Assistants* (aide)	7 2303	1979	285	(85)			93	20			
		1980	313	(113)			105	26			

*An example of data display.

III. Data File Description and Format

A. Group I Data Source
B. Group II Data Source
C. Group III Data Source
D. Group IV Data Source
E. Standardization of the Data

III. DATA FILE DESCRIPTION AND FORMAT

A wide variety of source documents, including current records, reports, mailout questionnaires, rosters and registers of licensed personnel, and computer tapes were used to collect and process data for the Development of an Occupational Information System, Volume II. This data was captured by entry with a CRT terminal and/or keypunching for input to the computer. Because of the diversity of the available data, multiple transformations were required for standardization. A technical discussion of the modifications and reformatting of the various data sources will not be included in this report, however. Through a series of transformations and editing procedures, a consistent data base was achieved and retained on computer tapes and on-line computer storage facilities. The following is a list of the data sources:

- Apprenticeship training programs
- Proprietary schools
- Vocational-technical schools
- Comprehensive Employment and Training Act Program (CETA)
- State Board of Barber Examiners
- Higher Educational General Information Survey (HEGIS)
- Louisiana State Board of Cosmetology
- Real Estate Commission
- Board of Examiners for Nursing Home Administrators
- State Board of Medical Examiners (Emergency Medical Technicians)
- State Board of Practical Nurse Examiners

All demand data with the Occupational Employment Statistics (OES) code was converted to the United States Office of Education Program (USOE) codes wherever applicable, and the parish code was identified with corresponding District and Labor Market Area (LMA) codes. The data was aggregated on the basis of the LMA and District-Labor Market Area codes. (See District-LMA map, Figure 3.)

The data fell into four major categories with regard to the method(s) of capture and introduction into the system.

A. Group I Data Source

In Group I are data sources that use card files of trained manpower. These are the apprenticeship training programs sponsored by the Louisiana Department of Labor and the State Board of Barber Examiners. The data on the apprenticeship training program was entered into the system via a portable CRT terminal. The data entry for each apprentice was by city of residence, the apprenticeship program descriptor, race, sex, entering year and completing year. Approximately 13,000 cards were standardized with the city and apprenticeship descriptor converted to a District-LMA code and a USOE code respectively. The information on the State Board of Barber Examiner file cards was copied to a special coding sheet and keypunched. The "barber" data included the information in the same format as the apprenticeship program card file plus the age of participants entering the program.

B. Group II Data Source

Group II includes data sources surveyed by a mailout questionnaire to the vocational-technical schools and the proprietary schools. (See Appendix A.) The questionnaire was sent to 159 currently functioning proprietary schools and the 53 vocational-technical schools. The data consisted of a school code, year of completion, USOE code, total completors, number of blacks, number of females and the parish code. The information was keypunched from the questionnaires. The data was edited, reformatted and retained in standard format.

Figure 3. DELINEATION OF PLANNING DISTRICTS AND LABOR MARKET AREAS (LMA)

PARISH	1980 Census Population
Acadia	56,427
Allen	21,390
Ascension	50,068
Assumption	22,084
Avoyelles	41,393
Beauregard	29,692
Bienville	16,387
Bossier	80,721
Caddo	252,358
Calcasieu	167,223
Caldwell	10,761
Cameron	9,336
Catahoula	12,287
Claiborne	17,095
Concordia	22,981
De Soto	25,727
East Baton Rouge	366,191
East Carroll	11,772
East Feliciana	19,015
Evangeline	33,343
Franklin	24,141
Grant	16,703
Iberia	63,752
Iberville	32,159
Jackson	17,321
Jefferson	454,592
Jefferson Davis	32,168
Lafayette	150,017
Lafourche	82,483
La Salle	17,004
Lincoln	39,763
Livingston	58,806
Madison	15,975
Morehouse	34,803
Natchitoches	39,863
Orleans	557,515
Ouachita	139,241
Plaquemines	26,049
Pointe Coupee	24,045
Rapides	135,282
Red River	10,433
Richland	22,187
Sabine	25,280
St. Bernard	64,097
St. Charles	37,259
St. Helena	9,827
St. James	21,495
St. John the Baptist	31,924
St. Landry	84,128
St. Martin	40,214
St. Mary	64,253
St. Tammany	110,869
Tangipahoa	80,698
Tensas	8,525
Terrebonne	94,393
Union	21,167
Vermilion	48,458
Vernon	53,475
Washington	44,207
Webster	43,631
West Baton Rouge	19,086
West Carroll	12,922
West Feliciana	12,186
Winn	17,253
TOTAL	4,205,900

LOUISIANA NO. 216

C. Group III Data Source

The Higher Educational General Information Survey (HEGIS) and the Comprehensive Employment and Training Act (CETA) data was provided in part by a computer tape developed from a master with selected items transferred for use. The use of computer tapes facilitated the data entry with some reformatting and conversion taking place. In the case of the HEGIS computer tape, the data from the board of Regents "State-Wide Student Profile System" with a HEGIS code of "5000" or greater (associate degrees) included the school code, citizenship status, parish code, class status, HEGIS occupational code and the year of the file. The HEGIS codes were converted via a previously generated crosswalk to a corresponding USOE code. The data from the "State- Wide Student Profile System" was supplemented with the report of "Inventory of Degrees and Certificate Programs." The data from this yearly hardcopy report was keypunched with the identical conversions of the HEGIS and parish codes mentioned above.

The CETA computer tape data was crosswalked with the Dictionary of Occupational Titles (DOT) crosswalk developed from the Wisconsin Vocational Studies Center. The parish names were converted to numerical codes. In a significant number of the CETA records, the DOT was not entered properly or was missing altogether, which reduced the number of useable records.

D. Group IV Data Source

The data captured from the boards and commissions was in the form of rosters and registers of licensed personnel. In most cases the data was entered on the CRT terminal, edited and the necessary conversions were made for compatibility with other data forms. With a few exceptions, the data was keypunched and introduced into the overall system with necessary conversions.

E. Standardization of the Data

The data from the multiple sources was standardized into the following format and retained on on-line storage facilities.

1. Source identification code
2. USOE/OES code
3. Parish code
4. Labor market area code
5. District code
6. Year
7. Count

IV. Methodology

A. Occupational Demand
B. Occupational Supply
C. Crosswalk
D. Coding Systems

IV. METHODOLOGY

There are many techniques that can be used to compile projections, each of which has advantages and disadvantages in different situations. The appropriateness of each technique depends primarily on how closely the assumptions required by the technique correspond to the actual situation under study. This section explains the methods used to develop the various components of the OIS.

A. Occupational Demand

This component contains information on job opportunities categorized by occupation, labor market area and a reference time period. The data includes current and projected occupational demand.

Current occupational demand is determined by adding the number of persons employed in an occupation and the number of job vacancies in that occupation.

Projected occupational demand is determined by adding current demand and future demand resulting from industrial growth or decline and changes in staffing patterns in industries. The Bureau of Labor Statistics (BLS) has developed procedures for projecting employment to 1985 and to 1990 for each Standard Metropolitan Statistical Area (SMSA). These projections help determine the expansion or reduction in demand for an occupation because of growth or decline in industries or changing staffing patterns in the industries.

1. Current Occupational Demand

Current occupational demand is determined by current occupational employment and job vacancies. The demand information is important for planners and administrators of educational and training programs because it indicates the relative size of an occupation and current employment opportunities and serves as a basis for projecting future employment.

a. Current Occupational Employment

The major source of current and projected occupational employment is the Occupational Employment Statistics (OES) program of the Department of Labor. The program has three major components: the OES survey, the industry/occupation (I/O) matrix, and the state and area occupational projections program. The Bureau of Labor Statistics

(BLS) is respsonsible for technical and methodological aspects of the program, and the State Employment Security Agency (SESA) is responsible for operation of the program in each state.

(1) The OES Survey. The OES survey obtains data on employment by occupation through a periodic survey of firms in the non-farm wage and salary sector. Data is collected primarily by mail, with follow-up telephone calls and personal visits when a firm's response is essential to the survey. The survey is carried out on a three-year cycle as follows:

First Year: The SESA surveys non-manufacturing industries and hospitals.

Second Year: The SESA surveys non-manufacturing industries (except transportation, communications, electric, gas and sanitary services) and wholesale and retail trades.

Third Year: The SESA surveys transportation, communications; electric, gas and sanitary services; and state and local government.

The OES survey is based on a random sample, stratified by industry and size, and is designed to represent the total number of firms covered by the survey. The data is then used to estimate total manufacturing wage and salary employment by occupation and industry for state and selected sub-state areas. The data is subject to the following limitations:

(a) The OES survey covers only the non-farm wage and salary sectors of the economy; it omits employment in agriculture, forestry, fishing, private household and self-employed workers.

(b) Geographic details are limited to selected SMSA and the state. See Figure 2, map of Labor Market Areas (LMAs).

(c) The OES uses occupational titles and definitions derived from the DOT that are generally, but not always, compitable with other occupational classifications.

(2) Industry/Occupation Matrix. The industry/occupation (I/O) matrix is a tabulation of employment data cross-classified by industry and occupation. It reflects the average staffing pattern in each industry in terms of the percent of employment in each occupation in the industry to the total employment in that industry. The I/O matrix is used to convert information on industry employment to data on occupational employment. It also gives the occupational structure in the state or area. The state I/O matrix provides an individual matrix for each SMSA area. The BLS is conducting research to determine methods for estimating the self- employed and family workers and methods to estimate employment in agriculture, forestry and fishing.

b. Job Vacancies

Job vacancies refers to jobs that are available and for which an employer is actively trying to recruit workers. Information on current job vacancies is useful to employment and training personnel. It identifies current occupational demand over time and occupations with high vacancy rates.

The Employment Security Automated Reporting System (ESARS) is the major source of job vacancy information. The ESARS lists current job openings registered with the local Employment Security Office by DOT code and by industry code. The data may be aggregated to a labor market area level. The data has the following limitations:

(1) It registers only job openings reported to the Employment Security local offices, thus representing only a fraction of the total job openings.

(2) Procedures for assigning a DOT code to a specific job opening vary among Employment Security Offices.

(3) Occupational coding details may sometimes be inconsistent (that is, some occupations are classified by three-digit DOT codes and others by a nine-digit DOT code).

2. Projected Occupational Demand

Projections of future occupational demand are essential for planning a training program and making career choices. Occupational demand is projected by incorporating two factors: (1) openings because of growth or decline in the level of occupational demand, and (2) replacement demand resulting from labor force separations.

The growth or decline in occupational demand occurs because of changes in business or economic conditions and technological change. First, industry employment is projected using one of the procedures developed by BLS. The projected I/O matrix is then used to convert the industry employment to occupational employment in each industry. The results are summed across industries to obtain projected employment by occupation.

Replacement demand refers to the number of job openings that will occur as individuals leave their occupation because of retirement, death, occupational transfers or migration to another labor market. The procedure only considers separation because of death, retirement, disabilities, or family responsibilities. Job openings occurring because of occupational transfers and migration are not incorporated in the analysis.

B. Occupational Supply

This component contains information on the number of workers available with specific skills within specific geographic areas over a given period of time.

Current supply is the number of workers already employed in the occupation plus the number of unemployed persons qualified for, and seeking work, in the occupation. Projected supply may be defined as the number of workers expected to be available and qualified to work in an occupation at some future date. This figure includes current supply plus new entrants, minus labor force separations.

1. Occupational Entrants

Occupational entrants are those individuals who gain employment in an occupation or who are qualified for and are actively seeking employment, over time. These entrants may come from the following sources:

a. Educational/Training Program Completors and Leavers

This category includes persons completing and leaving programs that train for specific occupations and general education/training programs.

b. New Entrants and Re-Entrants to the Labor Force

These entrants include workers with the necessary training and experience and those with no previous experience.

c. Occupational Transfers

These entrants include workers who seek work after moving into the labor market area.

2. Occupational Separations

Occupational separations are those persons who depart from the occupation over time. These separations may be because of any of the following factors:

a. Labor Force Separation

Some workers leave the labor force because of retirement, death, illness, injury, military service or personal reasons.

b. Occupational Transfers

Some workers transfer or are promoted to a different occupation.

c. Out-Migrants

Some workers move out of the labor market area.

3. Sources of Supply Information

Projections of occupational supply are essential for planning and evaluating manpower training programs. The major sources of Louisiana supply information are:

- Vocational technical schools
- High schools
- Institutions of higher education
- Professional registration boards
- Private or proprietary schools
- Vocational rehabilitation programs
- Louisiana Department of Labor programs
- Apprenticeship programs
- Louisiana Department of Commerce and Industry programs

4. Methodology for Projecting Supply

Demographic and market variables may be expected to determine the long-term supply of trained manpower in various occupations. Ideally, changes in supply could be explained by relating it explicitly to their economic variables. As an example, the number of persons obtaining degrees in a particular field may be related to the previous year's figures, an indication of the demand for that specialty and alternative opportunities. The basic equation expressing these relationships is:

$$\log G_t = \sum_{i=1}^{n} a_i \log G_{t-i} + \sum_{i=1}^{n} b_i \log D_{t-i} + \sum_{i=1}^{n} c_i A_{t-i} + U_t \qquad (1)$$

where: G_t = degrees in a field;

D_t = indicator of demand for specialists in the field

A_t = measure of alternatives available to persons;

U_t = residual

Freeman and Leonard (1977), in their nationwide study of college students, have advanced the model given in equation 1. The demand indicator for graduates in physics and mathematics is determined by the national R & D expenditures. The demand in chemistry is determined by the national income in the chemical industry, and percent of applicants accepted into medical schools, lagged three years. The demand for education graduates is determined by enrollments in elementary and secondary schools. The demand for biology graduates is determined by expenditures on medicine and the acceptance rate in medical shools, lagged three years. The measure of alternative opportunities of the above arts and science graduates is determined by the median income of professional, technical and kindred workers. Bognanno, et al. (1972), in their study of nurses, hypothesized that labor force participation rates and number of hours worked are functions of (1) the nurse's non-earnings income or of her husband's income; (2) the nurse's wage rate; (3) the number of pre-school children, and (4) age and status of home ownership.

There are practical limitations to applying the preceding procedures of econometric models in projecting the supply of manpower in the numerous occupational categories in the Occupational Information System. First, adequate historical data is not available to explain the variations in each occupation over each labor market. Second, independent projections of all the explanatory variables at the state and sub-state levels would be required. An alternative is to use time-series analysis to project the supply of manpower in each occupation across each region.

In time-series analyses historical data on only the variable being projected into the future is needed. When more than 30 observations are available for each variable, sophisticated procedures such as the Autoregressive Integrated Moving Average (ARIMA) models for projecting the future supply of manpower may be used. Less complex techniques will have to be considered for data with fewer observations. A practical way of obtaining forecasts is to combine a time trend model with an autoregressive model.

The time trend model assumes that there is some permanent pattern of behavior across time. For example, when a series X_t grows with constant percentage increases in each time period, then one can predict X_t in the future by fitting the model.

$$X_t = F^{(t)} = A^{e^{\pi t}} \qquad (2)$$

where t = time, and A and π are the parameters that maximize the correlation between $f^{(t)}$ and X_t.

The parameters A and π can be estimated by taking the logarithms on both sides of the equation (2) and fitting the long-linear equation.

$$\log X_t = a_0 + a_1 t + e_t \qquad (3)$$

where $a_0 = \log A$, $a_1 = \pi$ and e_t = residual

If series Y_t is related to past values for a finite number of periods, it may be represented by an autoregression model such as:

$$Y_t = b_0 + b_1 Y_{t-1} + b_2 Y_{t-2} + \ldots\ldots\ldots b_k Y_{t-k} + U_t \qquad (4)$$

where b_i = autoregressive parameters and U_t = residual.

The time trend models are suitable for describing long-term behavior, and the autoregressive models may be used to explain short-term fluctuations. In order to combine the two models, the time series is fitted to a time trend model. Then the remaining variation is fitted using an autoregressive model. The time trend and autoregressive models complement each other since each adjusts for the deficiencies of the other in explaining the variation in the data.

In most occupational categories, there were not enough historical data points to even apply the simple forecasting models described above. In such instances the average variation over the

past few years was extrapolated to predict future trends. The aim is to continue collecting data for future applications of more sophisticated forecasting models.

The effect of occupational transfers, migrating and labor force separations are taken into account by using data from professional licensing boards whenever available. In other occupations, projection of supply will only reflect the entrants to occupational supply from education/training programs.

C. Crosswalk

One of the primary reasons for developing an OIS is to produce a standardized method for gathering, reporting, storing and updating occupational information that will provide a means for analyzing manpower supply and demand data. To do the analyses, there must be a method of interfacing the supply data gathered by several coding structures with the demand data that is crosswalked from the OES survey to the OES matrix coding system.

Various tools were used to crosswalk the supply into USOE and OES matrix codes. The Wisconsin Vocational Studies Center crosswalk tape and the hard copy publication Occupational Demand Supply Wages in West Virginia, 1980, were used as the major resources. The Louisiana crosswalk was prepared using the USOE and the OES matrix codes. In the near future, the Classification of Instructional Programs (CIP) and SOC code will be added to the crosswalk file.

For a small number of occupations, no crosswalk from OES to USOE was found and the data are reported by the OES code. (See Appendix C for the OES codes that make up each USOE code.)

D. Coding Systems

State agency personnel need standardized data from each institution within their state to compare program offerings and avoid duplications. For example, central university system offices and school district offices also rely upon standardized data to prepare systemwide and districtwide budgets.

The National Center for Education Statistics, U. S. Office of Education, has developed a new classification system for coding instructional

program data to be crosswalked into a standardized occupational classification coding system. The new system allows for coding of new instructional programs that have evolved or gained new significance in the 1970s and 1980s. The new Classifications of Instructional Programs (CIP) system incorporates the USOE (Handbook VI) classification system and the Higher Education General Instructional Survey (HEGIS) systems. The new classification will be useful to individual institutions. This new coding system should replace the existing systems used by Louisiana educational institutions by 1983.

To keep abreast with the latest developments, institutions belonging to a particular interest group frequently wish to exchange data. Similarly, institutions undertaking self-studies often wish to compare their own data with equivalent data from institutions of like size and complexity. The NCES says in Classification of Instructional Programs, "If used properly, the (CIP) classification should help assure that programs categorized together are more like each other than they are like programs in other categories."

V. Policy Implications for the Occupational Information System

A. Shortages
B. Surpluses

V. POLICY IMPLICATIONS FOR THE OCCUPATIONAL INFORMATION SYSTEM

The policy implications of this project may be derived from reviewing shortages and surpluses in the various occupations as shown in the tables. The data indicate that by 1985 the greatest shortages in trained manpower will occur in the following occupations: general mechandise, law enforcement, heavy equipment operations, secretarial occupations, food services, transportation, construction and maintenance, quantity food occupations, general clerical occupations, accounting and computing, truck driving, nursing assistance, typing, heavy equipment maintenance and a number of other occupations.

The shortages indicated in some of the occupations, such as general merchandise, secretarial, typing and food services, should be interpreted with caution. The trained manpower reported represents only the people trained in post-secondary programs such as those offered in vocational-technical schools, apprenticeships and two-year college programs. Students trained in secondary schools may fill the demand for low-skilled occupations such as typing and food service and some of the demand in general merchandise. Similarly, graduates of four-year colleges may fill the demand in supervisory occupations. Users of the system should also be aware that the demand projections were based on 1978 data, the most current available. As a result, some of the changes in demand because of the recent downturn in the economy may not be reflected in the data. For example, the decline in construction activity has reduced the growth in such occupations as heavy equipment operations.

The largest surpluses are shown in real estate, practical nursing, barbering, welding, electrical and electronics technology and air-conditioning. The surpluses in real estate and barbering may be explained by understated occupational demand projections since these projections are based primarily on full-time, salaried employees. In practical nursing the actual surpluses may be much less than indicated by the data because some trained practical nurses do not seek employment in their field of training and some do not enter the workforce at all. Also, those employed in private duty practice were not included in the demand projections.

The following is a closer look at the occupations that are expected to experience the greatest difference between manpower demand and supply. Some possible actions to bridge the gap between the projected demand and supply are indicated.

A. Shortages

1. General Merchandise

This occupation is related to sales and sales-supporting tasks in department stores, variety stores, general merchandise stores, discount stores and catalog houses. Up to two years of training may be required. Many of the openings in this category may be filled by high school graduates, so the shortages reported may be overstated.

The information regarding the job prospects in this occupation should induce more post-secondary students to seek training in this curriculum. Basic classroom facilities are required for instruction in this program. If these facilities are not already available in the vocational-technical schools and proprietary schools of the respective labor market areas, other classroom facilities in the community may be utilized. No new capital expenditures seem necessary to provide the additional training in this curriculum. Instructors may be drawn from the existing staff of the vocational-technical schools or proprietary schools, or from the local community.

2. Law Enforcement

This occupation involves patrolling on foot or in an automobile during the day or night; dealing with misdemeanors, felonies, traffic violations and accidents; making arrests; and testifying in court. The training for this occupation may continue for more than two years. The supply reported may be understated because law enforcement agencies themselves provide the necessary training for their employees. Any additional training required may be provided with classroom facilities in the existing training academies, schools and colleges in the different labor market areas.

3. Heavy Equipment Operators

This occupation is related to the operation of earth-moving equipment such as crawler tractors, motor graders, and motor scrapers; shovels, including dragline and hoe; and cranes. The instruction may continue for nearly one year. The reported shortages in this occupation

represent the third largest in the state. The shortages will be most acute in Baton Rouge, Lafayette and Lake Charles. The employment in this occupation is greatly dependent on the activities of the construction industry. Since there is a marked slowdown in this industry because of the recent recession, the actual shortages may be smaller than indicated in the data. The classroom facilities required for this curriculum may be provided from the existing facilities available in a community. Proper arrangements will have to be made to provide the equipment and situations to gain experience in such tasks as digging, ditching, sloping, striping, grading and foundation excavating.

4. Food Services

This occupation is related to sales and sales-supporting tasks in establishments serving prepared foods and drinks. The training must be supplemented by experience at establishments engaged in the food service business.

5. Steno, Secretarial and Related Occupations

This occupation includes executive secretaries, legal secretaries, medical secretaries, stenographers and others. The length of instruction may vary from one to four years. The shortages in this occupation rank fourth highest in the state. Only Baton Rouge is expected to have a surplus. Available classroom facilities may be used for instruction in this program. However, experienced instructors will be needed at a time when the demand for their services will be high.

6. Transportation

This occupation is related to the physical movement of people, personal effects and products. It also involves sales, storing, and sales-supporting tasks in passenger and freight transportation, public warehousing and services incidental to transportation. Basic training for this occupation may take nearly two years. The classroom instruction for this program may be given in the existing facilities within a labor market area. This classroom training will have to be supplemented by practical experience in a transportation business. For some

occupations, such as bus and taxi driving, proper arrangements will have to be made to provide the equipment and instructors for training.

7. Construction and Maintenance Trades, Other

This group of occupations include cement masons, boilermakers, line installers, blaster, fence erectors, reinforcing iron workers, highway maintenance repairers. The training for some of these occupations may take up to two years. The major requirement for training in these occupations is the access to the equipment and the availability of qualified instructors. Arrangements will have to be made to provide experience associated with each occupation.

8. Quantity Food Occupation

This occupation is concerned with planning, selecting, purchasing, preserving, preparing and serving food and food products. This group of occupations include bakers, cooks, and meat cutters. Up to two years of training may be required for these occupations. Classroom training may be provided with the existing facilities, but a large number of experienced instructors will be needed to train the requisite number of students in this occupation. On the job training sites in the community could become a vital part of the training component.

9. Filing, Office Machine and Clerical Occupations

This occupation is concerned with the recording and retrieval of data, including classifying, sorting, and filing correspondence, records and other data. The training for this occupation may continue for a year. Again, only Baton Rouge is expected to have a surplus in this occupation. The supply of trained manpower is somewhat understated as some of the skills required for this occupation may be acquired in secondary schools. The post-secondary training may be provided by such existing facilities as vocational-technical schools and proprietary schools.

10. Accounting and Computing Occupations

This occupation is concerned with computing, classifying and recording numerical data to keep

financial records. Training for this occupation takes one to two years. Basic classroom facilities and computing equipment are required for instruction in this curriculum. These facilities should be available through schools and colleges of the area. Arrangements should be made to provide adequate up-to-date computing machines to familiarize the students with the equipment.

11. Truck Drivers

The shortage of truck drivers is expected to be more than 7,000 statewide. Major shortages will exist in all the labor market areas, except Shreveport and Monroe. Training programs will be needed in other areas, such as New Orleans, where large shortages will undoubtedly develop.

12. Nursing Assistant

This occupation is concerned with the personal care of individuals receiving nursing services. These tasks are performed under the supervision of a nurse. The training for this occupation takes up to a year. The facilities already available at the vocational-technical schools should be adequate to provide the basic training for this occupation. Arrangements must be made for additional training at hospitals. Shortages in this occupation may be related to a shortage of nurses for supervisory responsibilities in training the assistants.

13. Typing and Related Occupations

This occupation includes typing and general clerical work. Activities include filing records and reports, using adding machines and other similar duties. The training for this occupation takes about six months. The skills required for this occupation are often acquired in high schools. Therefore, the supply of manpower reported is understated because it does not include high school graduates. Any shortages that cannot be filled with high school graduates may be filled by training sudents at existing facilities such as vocational-technical schools or proprietary schools.

14. Other Occupations

There are a number of other occupations where the shortages will not be very large but will require special equipment and laboratory facilities for training students. These occupations include stationary engineers, engineering equipment mechanic, seamanship, medical lab assistant, medical and dental assistants and various engineering technologies. Many well-trained instructors will be needed to successfully train the students in these areas.

B. Surpluses

1. Real Estate

As discussed earlier, low demand projections for full-time employees indicate a surplus in this occupation. However, surpluses will exist even when demand for part-time and non-salaried real estate agents are included in the total demand.

2. Practical Nurses

Approximately 15 to 20 percent of the practical nurses nationwide do not seek work. Thus, the effective supply of nurses will be less than indicated by the data. New Orleans shows a shortage even if all trained practical nurses seek work, so the need will be greater if some percentage of those trained do not enter the field.

3. Welding

The data indicate that by 1985 there will be a surplus of more than 13 percent in the welding occupations in the state. The surplus will be only 3.5 percent in New Orleans and 6.3 percent in Lake Charles. The data indicate a shortage of welders in Lafayette, Shreveport and Monroe.

4. Electric and Electronic Technology

The data shows that by 1985 there will be a surplus of nearly 50 percent in this occupation. New Orleans is shown to have a surplus of more than 100 percent. Alexandria, Shereveport and Lafayette are expected to have slight shortages. Since the level of training between the proprietary schools and vocational-technical schools vary, the better trained graduates should be able to find employment.

5. Air Conditioning

Projections for this occupation indicate that there will be a 35 percent surplus by 1985. The employment prospects in this occupation are not encouraging. Only the best trained graduates may expect to find satisfactory jobs.

References

REFERENCES

Bognanno, M. F., J. S. Higson, and J. R. Jeffers. "Shortrun Supply of Nurse's Time." The Journal of Human Resources, IX, 1972.

Clay, Rex J. Occupational Demand Supply Wages in West Virginia. West Virginia Occupational Coordinating Committee, February 1980.

Freeman, Richard B., and Jonathan Leonard. "Autoregressive Degree Patterns: Evidence Endogenous Cycles in the Market?" Proceedings of Thirteenth Annual Winter Meeting of Industrial Relations Research Association, December 1977.

Kay, Evelyn R. Directory of Post-Secondary Schools with Occupational Programs. Washington, D.C.: National Center for Educational Statistics, 1978.

Louisiana Board of Regents. 1979-1980 Post-Secondary Occupational Education Opportunities in Louisiana, 1979.

Louisiana Department of Labor, Office of Management and Finance. Alexandria Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. Baton Rouge Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. Lafayette Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. Lake Charles Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. Louisiana Employment Projections: Industry Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. Monroe Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. New Orleans Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana Department of Labor, Office of Management and Finance. Shreveport Employment Projections: Industry, Occupations, Job Openings, July 1981.

Louisiana State Department of Education, Louisiana Proprietary School Directory, Publication #1404, 1982.

Louisiana Department of Public Works. Directory of Louisiana Cities, Towns and Villages, November 1975.

Louisiana State Occupational Information Coordinating Committee (SOICC). Licensed Occupations in Louisiana, 1981.

National Center for Educational Statistics. Directory of Post Secondary Schools with Occupational Programs, 1978.

National Occupational Information Coordinating Committee (NOICC). Occupational Information System (OIS) Handbook, Volume I, Occupational Information Development, January 1981.

National Occupational Information Coordinating Committee (NOICC). Vocational Preparation and Occupations: Occupational and Educational Code Crosswalk, Volume 1, 1979.

Scott, Loren C. The Energy Crisis and the Employment of Black CETA Participants in Louisiana in the 1980s. Baton Rouge: Louisiana State University, Division of Research; May 31, 1981.

Appendix A: Correspondence and Questionnaire*

1) Letters introducing project and encouraging response
2) Introductory letter for student interns
3) Sample questionnaire

*The letter and the questionnaire format was used for both the proprietary and public sector with minor changes in the title and the narrative.

DAVID C. TREEN
GOVERNOR

LOUISIANA DEPARTMENT OF LABOR

DEBRA R. BOWLAND
SECRETARY OF LABOR

June 29, 1981

IN REPLY REFER TO:

Mr. Bob Dupree
Job Corps
Louisiana Department of Labor
P.O. Box 44094
Baton Rouge, Louisiana 70804

Dear Mr. Dupree:

The Louisiana Department of Labor, through the State Occupational Information Coordinating Committee (SOICC), has contracted with Governmental Services Institute (GSI) at Louisiana State University to develop an Occupational Information System (OIS) that will lead to a comprehensive Manpower Utilization Policy for Louisiana.

The Department of Labor already has information on current and projected demand for trained manpower, but needs a system that will forecast the supply of manpower. Information on future labor market conditions enables career and educational training administrators and counselors to identify programs with good prospects for the future. The information also enables CETA planners to determine the occupations most suitable for their target population.

Supply/demand analysis is particularly important in deriving policy recommendations for manpower planning. These recommendations would be useful to manpower planners, counselors, career decision makers, job seekers, and economic development specialists.

The user needs assessment and the data collection process are now being conducted by the GSI staff. In order to build a data base for the Occupational Information System, the GSI staff will need from you the number of clients/students that your agency has trained each year since 1970. If possible, please present the information by occupation/degree program, parish of residence, and sex and race of participants.

To remain current, the OIS data file must be updated annually. We would therefore appreciate your continuing to send us the requested information each year.

The OIS should be operational by early 1982 and should be capable of providing supply/demand analyses and reports by September 1982.

Sincerely yours,

Debra R. Bowland

Debra R. Bowland
Secretary of Labor

cc: James Pilot

STATE OF LOUISIANA
STATE OCCUPATIONAL INFORMATION COORDINATING COMMITTEE
P. O. BOX 44094 • BATON ROUGE, LA. 70804 • (504) 925-3593

November 3, 1981

SOICC
STATUTORY MEMBERS

Office of Employment Security

Board of Elementary & Secondary Education

Vocational Rehabilitation

State Employment & Training Council

W. L. Wagner
Director

DAVID TREEN
GOVERNOR

Dear School Administrator:

The Louisiana Department of Labor has asked the Governmental Services Institute at LSU to predict the supply of various types of manpower in Louisiana through 1990. These predictions will be used, among other things, to attract new commerce and industry to the state, thereby creating new jobs for Louisiana residents.

Vocational-technical schools play an important role in supplying skilled and professional manpower in Louisiana. A significant portion of the state's work force is educated and trained in schools and programs like yours.

To gain a more accurate count of the number of graduates from vocational-technical school programs, we ask that you take a few minutes to complete the short questionnaire that is enclosed concerning the number of persons who have completed a program or course of study at your school since 1970.

The information that you provide will be held confidential to protect the interest of your school. The information will be combined with data from other schools in your area before being published. The cumulative results will be available to you upon request.

If you have any questions, call Dr. Ceneva Carroll, director the of Louisiana Manpower Project, LSU Governmental Services Institute (504) 388-6746.

Please return the questionnaire within ~~10~~ 15 days of receipt. For your convenience, a stamped envelope is enclosed for return mailing. Your cooperation would be sincerely appreciated.

Sincerely yours,

W L Wagner

W. L. Wagner, Director
State Occupational Information
Coordinating Committee (SOICC)

Enclosure:

Governmental Services Institute
Division of Continuing Education
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE · LOUISIANA · 70803
504 / 388-6746

January 8, 1982

Dear School Administrator:

Recently Mr. W. L. Wagner, Director of the Louisiana State Occupational Information Coordinating Committee, mailed letters to all vocational-technical and proprietary schools requesting data on students/trainees.

The survey results will be published as a cumulative total for a base year, and the historical data will then be used to develop a forecast of the labor supply.

By comparing this information with the demand data already available from the Louisiana Department of Labor, shortages and surpluses can be computed. The results will be helpful to you in planning future training programs.

We have received responses from 19 of the vocational-technical schools, but we would like to have a 100 percent response rate. The results that we will publish and make available to you are only as complete as the data you provide.

We are enclosing additional forms in this mailing in case the first mailing questionnaire did not reach you. Please respond within 10 days. If you have already mailed the information, please disregard this request.

If you have questions concerning the project, please call me at (504) 388-6746.

Thank you very much for your cooperation.

Sincerely yours,

Geneva B. Carroll

Geneva B. Carroll, Ph.D.
Manpower Project Director

GBC:kp
Enclosure

Governmental Services Institute
Division of Continuing Education
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE
BATON ROUGE · LOUISIANA · 70803
504 / 388-6746

October 9, 1981

Dear Resource Person:

The bearer of this letter, Mr. Andy Ledbetter, is a student intern at the LSU Governmental Services Institute. Mr. Ledbetter is responsible for data identification and collection on a project being conducted for the Louisiana Department of Labor to develop a comprehensive Occupational Information System (OIS).

The data and reports comprised in the OIS will be used by manpower planners, educators, chambers of commerce, counselors, etc.

We would very much appreciate your cooperation and support in this effort and would be happy to return the favor whenever we can be of assistance.

Sincerely yours,

Geneva B. Carroll

Geneva B. Carroll, PH.D.
Project Coordinator

GBC:kp

Instructions

PROPRIETARY SCHOOL SURVEY

Before completing the survey form for any year, answer Question A at the top of page 1. If your answer to Question A is NO, then DO NOT GO ANY FURTHER. Return page 1 of the questionnaire in the enclosed envelope.

If your answer to Question A is YES, then CONTINUE with Question B and the survey form(s) for the applicable year(s). Return the completed questionnaire in the enclosed envelope.

To ensure confidentiality, do NOT write the name of school on the forms.

Definition of Terms

Program or Course of Study. This is an area of concentration similar to a college major. Provide complete information on ALL the occupational training programs offered by your school; for example, secretarial science, ornamental horticulture, or body and fender repair.

Graduations/Completions. A graduation or completion is a student who has successfully completed a Program or Course of Study. If your school gives a degree, certificate, or diploma to students completing a program, indicate the number of degrees, certificates, or diplomas awarded, rather than simply the number of students completing a single course such as typing or shorthand.

Directions for Completing Columns

Title of Program or Course of Study	Read through the programs or courses listed on the form for your school. Strike through any programs or courses that have been discontinued or were not offered the year indicated. Write in the names of courses not listed. If more space is needed for programs in any year, continue the list on a photocopy of the form for THAT year.
Length of Program	Enter the number of months that it takes the average student to complete the program or course of study.
Office Use Only	LEAVE THIS COLUMN BLANK.
Number Entering Program for Year	Enter the total number of students entering that program or course during the year indicated.
No. Graduations/ Completions for Year	List the number of students, by sex and by race, who COMPLETED that program or course in the year indicated. If you cannot indicate sex and race of graduates/completions, enter the TOTAL number under Sex and Race.
Parish of Residence	Indicate the parish(es) from which your school draws students. For out-of-state students, combine all states and enter total on one line. Use a copy of the form for THAT year if more space is needed to list parishes.
No. or Percent	Indicate either the total number of students from each of the parishes listed, or the percentage of total enrollment from each parish.

PROPRIETARY SCHOOL SURVEY

Question A: Does your school offer any programs that lead to a specific occupational objective? (A program is a planned sequence of courses leading to a specific occupational skill such as secretarial science, ornamental horticulture, or body and fender repair. Programs that do NOT lead to a career should be excluded, such as food preparation for housewives, private pilot training, or charm courses.)

☐ YES Continue with questionnaire

☐ NO STOP HERE AND RETURN PAGE 1 OF QUESTIONNAIRE IN ENCLOSED ENVELOPE.

Question B: Do you have data on graduations and completions prior to 1970?

☐ YES, back to 19___ ☐ NO

Are you willing to provide such data annually in the future?

☐ YES ☐ NO

Do you keep the current addresses of students? ☐ YES ☐ NO

For Fiscal or Calendar Year 1970

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1971

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1972

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1973

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1974

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1975

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1976

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1977

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1978

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1979

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

For Fiscal or Calendar Year 1980

SCHOOL NO. 1 033 050 TO ENSURE CONFIDENTIALITY, DO NOT WRITE NAME OF SCHOOL ON THIS CARD.

Title of Program or Course of Study (If more space is needed, use additional sheet.)	Length of Program (in months)	FOR OFFICE USE ONLY	Number Entering Program for Year	No. Graduations/Completions for Year					
				Sex			Race		
				Male	Female	Total	White	Black	Total
1 Dental Assistant									
2 Medical Emergency Technician									
3 Stenographic & Secretarial/Occu.									
4									
5									
6									
7									
8									
9									
10									
11									
12									

List below the parishes in which students live and indicate the number or percent of students from each parish.

Parish	Number of Students	OR	Percent of Students

Appendix B: Tabular Data

1) Explanation of tabular data
2) Set of tables sorted in ascending order by USOE code
3) Set of tables sorted in descending order by difference between demand and supply (unmet demand)
4) Summary table of unmet demand by state and Labor Market Area
5) Set of tables sorted in descending order by difference between demand and supply for occupational training by voc-tech schools and all other educational/ training entities

EXPLANATION OF TABULAR DATA

The tabular data are presented by Labor Market Area (LMA) and the state in sets of tables. The first set is organized in ascending order by the United States Office of Education (USOE) codes. The second set of tables is displayed in descending order of the 1985 difference between demand and trained manpower. There is also a summary table for the state and all LMAs. The fourth set is organized by occupations trained by vo-tech schools in descending order by Unmet Demand. The latter section of these sets of tables contains data for occupations not trained by vo-tech schools.

The program titles are those associated with the respective United States Office of Education (USOE) codes. When no equivalent USOE code was available, the Occupational Employment Survey (OES) code and title were used.

The columns labeled "1978 Employment" and the "1985 Demand" are data taken from Employment Projections (by LMA and state) published by the Louisiana Department of Labor. The "1985 Trained Manpower" column represents a derived value based on the "1978 Employment" data, plus total number of trained persons since 1978, minus the total number of separations.

The next column gives the difference between the "1985 Demand" and the "1985 Trained Manpower" in the LMA. The district column "1985 Trained Manpower within District (DS)" included trained manpower in the LMA area and trained manpower in additional parishes that constitute the State Planning District in which the LMA is located. The sixth column (D-DS) is the 1985 difference between LMA demand and trained manpower within the district. The last two columns present annual average total openings and annual average trained manpower in the LMA.

The period (.) notation indicates that data were not available.

2) USOE code sort in ascending order

*** NEW ORLEANS ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	240	250	285	-35	285	-35	5	10
FARM EQUIPMENT MECHANIC	1030100	60	70	61	9	61	9	1	0
ORNAMENTAL HORTICULTURE	1050000	0	.	35	.	35	.	.	5
SOIL SCIENCE	1060300	40	50	100	-50	100	-50	1	9
FORESTRY	1070000	170	190	128	62	128	62	9	0
ADVERTISING	4010000	0	.	17	.	17	.	.	2
FINANCE AND CREDIT	4040000	310	360	307	53	307	53	15	8
FLORISTRY	4050000	0	.	445	.	445	.	.	64
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
FOOD SERVICES	4070000	8,040	11,070	6,324	4,746	6,325	4,745	709	31
GENERAL MERCHANDISE	4080000	17,050	19,890	13,722	6,168	13,745	6,145	1,060	179
HOTEL & LODGING	4110000	1,190	1,370	875	495	875	495	76	5
INDUSTRIAL MARKETING	4120000	0	.	32	.	32	.	.	5
INSURANCE	4130000	3,810	3,900	.	.	.	.	114	.
PERSONAL SERVICES	4150000	0	.	122	.	122	.	.	17
REAL ESTATE	4170000	390	440	5,667	-5,227	5,698	-5,258	30	810
RECREATION AND TOURISM	4180000	1,360	1,520	1,112	408	1,112	408	68	10
TRANSPORTATION	4190000	9,650	10,810	7,823	2,987	7,823	2,987	427	0
RETAIL TRADE, OTHER	4200000	0	.	9	.	90	.	.	1
WHOLESALE TRADE OTHER	4310000	1,220	1,410	.	.	.	.	80	.
DISTRIBUTIVE EDUCATION	4990000	0	.	151	.	151	.	.	22
DENTAL ASSISTANT	7010100	560	760	510	250	510	250	51	15
DENTAL HYGIENE	7010200	180	250	.	.	.	.	18	.
DENTAL LAB TECH	7010300	230	310	283	27	283	27	17	14
MEDICAL LABORATORY ASSISTING	7020300	1,040	1,350	830	520	830	520	74	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	10	.	10	.	.	1
PRACTICAL NURSING	7030200	3,600	4,700	3,670	1,030	3,724	976	323	524
NURSING ASSISTANT AIDE	7030300	7,180	9,330	6,611	2,719	6,611	2,719	581	193
SURGICAL TECHNOLOGY	7030500	330	430	258	172	258	172	26	2
OTHER NURSING	7039900	0	.	33	.	33	.	.	5
OCCUPATIONAL THERAPY	7040100	30	40	.	.	.	.	1	.
RADIOLOGIC TECHNOLOGY	7050100	730	960	874	86	880	80	49	37
NUCLEAR TECHNOLOGY	7050300	0	.	6	.	6	.	.	1
OPHTHALMIC DISPENSING	7060100	230	300	.	.	.	.	16	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	210	280	180	100	180	100	18	4
INHALATION THERAPY	7090300	120	160	254	-94	258	-98	9	22
MEDICAL ASSISTANT	7090400	520	720	373	347	373	347	50	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	155	.	155	.	.	22
CARE & GUIDANCE OF CHILDREN	9020100	1,770	2,010	1,293	717	1,293	717	134	32
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	181	.	181	.	.	26

*** NEW ORLEANS ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	8,280	9,470	6,963	2,507	6,963	2,507	490	132
OFFICE MACHINE OPER	14010400	310	350	261	89	261	89	13	0
TELLERS	14010500	1,930	2,300	.	.	.	.	107	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	640	720	479	241	479	241	34	0
SYSTEMS ANALYST	14020000	560	630	.	.	.	.	16	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	760	890	1,105	-215	1,111	-221	28	58
PERIPHERAL EQUIP OPER	14020200	60	70	60	10	60	10	1	0
KEYPUNCH OPERATOR	14020201	1,370	1,590	1,048	542	1,048	542	77	0
PROGRAMMERS	14020300	670	780	754	26	754	26	24	20
OTHER BUSINESS DATA PROCESSING	14029900	0	.	116	.	116	.	.	17
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	13,660	15,390	10,686	4,704	10,686	4,704	756	84
INFORMATION COMMUNICATION OCCUPATIONS	14040000	1,220	1,450	905	545	905	545	78	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	2,190	2,710	1,483	1,227	1,483	1,227	175	0
SHIPPING AND RECEIVING CLERKS	14050300	2,750	3,020	2,274	746	2,274	746	107	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	12,590	14,400	11,716	2,684	11,750	2,650	707	323
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	2,260	2,680	1,931	749	1,931	749	109	2
TYPING AND RELATED OCCUPATIONS	14090000	5,030	5,750	4,867	883	4,867	883	285	159
OFFICE, OTHER	14990000	430	480	335	145	335	145	23	2
AERONAUTICAL TECHNOLOGY	16010100	0	.	30	.	30	.	.	4
AUTOMOTIVE TECHNOLOGY	16010400	0	.	190	.	196	.	.	27
CIVIL TECHNOLOGY	16010600	490	630	480	150	480	150	28	7
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	1,350	1,550	3,346	-1,796	3,347	-1,797	45	301
INDUSTRIAL TECHNOLOGY	16011100	0	.	3	.	3	.	.	0
INSTRUMENTAL TECHNOLOGY	16011200	910	1,040	818	222	818	222	33	1
MECHANICAL TECHNOLOGY	16011300	60	80	520	-440	526	-446	3	66
COMMERCIAL PILOTS	16060100	530	550	674	-124	674	-124	7	25
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	18	.	18	.	.	3
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	0	44	-44	44	-44	0	6
AIR CONDITIONING	17010000	830	940	1,199	-259	1,199	-259	28	65
APPLIANCE REPAIR	17020000	580	660	494	166	494	166	24	1
AUTO BODY & FENDER REPAIR	17030100	650	740	722	18	722	18	25	22
AUTO MECHANICS	17030200	4,000	4,420	3,750	670	3,755	665	143	47
AVIATION OCCUPATION	17040000	440	470	405	65	405	65	9	0
BUSINESS MACHINE MAINTENANCE	17060000	440	480	426	54	426	54	8	0
COMMERCIAL ART OCCUPATIONS	17070000	160	190	149	41	149	41	10	4
SEAMANSHIP	17080100	3,470	3,250	3,128	122	3,128	122	18	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	670	620	523	97	523	97	14	0
COMMERCIAL PHOTOGRAPHY	17090000	480	580	403	177	403	177	25	0

*** NEW ORLEANS ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	1,520	1,710	1,177	533	1,177	533	76	0
CONSTRUCTION, OTHER	17100000	530	580	556	24	557	23	18	15
CARPENTRY	17100100	3,290	3,460	2,985	475	3,105	355	133	65
HEAVY EQUIPMENT MAINTENANCE	17100301	3,070	3,280	2,664	616	2,664	616	88	0
HEAVY EQUIPMENT OPERATOR	17100302	10,560	11,260	8,879	2,381	8,892	2,368	347	7
MASONRY	17100400	460	510	471	39	471	39	14	9
PAINTING AND DECORATING	17100500	1,520	1,740	1,260	480	1,260	480	80	12
PLASTERING	17100600	130	140	177	-37	177	-37	5	11
PLUMBING & PIPEFITTING	17100700	3,080	3,470	2,727	743	2,737	733	126	20
DRYWALL INSTALLATION	17100800	200	220	.	.	.	.	3	.
GLAZIERS	17100900	170	190	163	27	163	27	7	3
ROOFERS	17101000	420	470	364	106	364	106	18	3
OTHER CONSTRUCTION & MAINTENANCE	17109900	9,190	9,980	8,299	1,681	8,299	1,681	285	45
CUSTODIAL SERVICE	17110000	19,180	22,330	.	.	.	.	1,197	.
DIESEL MECHANICS	17120000	1,320	1,460	1,356	104	1,356	104	48	33
DRAFTING OCCUPATIONS	17130000	1,640	2,010	2,207	-197	2,216	-206	77	105
ELECTRICAL OCCUPATIONS	17140000	3,600	4,100	3,589	511	3,589	511	140	67
INDUSTRIAL ELECTRONICS	17140100	160	180	160	20	160	20	3	0
MOTOR REPAIR	17140300	120	140	108	32	108	32	6	1
COMMUNICATIONS	17150100	1,980	2,260	1,847	413	1,847	413	59	0
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
RADIO & TV TECHNICIAN	17150300	310	360	285	75	285	75	14	3
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	390	400	.	.	.	.	13	.
PRINTING AND PRESS	17190200	340	600	522	78	528	72	46	35
PHOTOENGRAVER, LITHOGRAPHER	17190300	180	200	.	.	.	.	5	.
BOOKBINDING	17190600	290	350	.	.	.	.	15	.
STRUCTURAL STEEL WORKERS	17203050	350	360	301	59	301	59	8	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	340	370	340	30	340	30	4	0
INSTRUMENTS	17210100	230	300	188	112	188	112	16	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	270	250	342	-92	342	-92	-2	10
MACHINE SHOP	17230200	1,190	1,410	1,051	359	1,051	359	62	11
MACHINE TOOL OPERATION	17230300	670	880	537	343	537	343	49	0
SHEET METAL	17230500	1,020	1,200	977	223	977	223	48	16
WELDING & CUTTING	17230600	4,900	5,860	6,035	-175	6,066	-206	209	234
TOOL AND DIEMAKERS	17230700	80	100	66	34	66	34	5	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
BARBERING	17260100	160	160	1,005	-845	1,013	-853	10	144
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PLASTIC OCCUPATIONS	17270000	150	180	137	43	137	43	6	0
FIREFIGHTING TRAINING	17280100	1,060	1,180	1,032	148	1,032	148	31	10

* * * NEW ORLEANS * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	7,550	8,740	4,770	3,970	4,770	3,970	606	39
OTHER PUBLIC SERVICES	17289900	750	840	602	238	602	238	46	12
QUANTITY FOOD OCCUPATIONS	17290000	8,290	10,351	6,658	3,693	6,658	3,693	573	46
SMALL ENGINE REPAIR	17310000	0	0	30	-30	30	-30	0	4
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	2,200	2,270	1,682	588	1,682	588	84	0
PUMPING PLANTS	17320200	900	930	.	.	.	.	34	.
TAILORS	17330200	590	700	310	390	310	390	56	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	2,110	1,810	1,697	113	1,697	113	16	0
SHOE REPAIR	17340200	40	40	.	.	.	.	0	.
UPHOLSTERING	17350000	150	160	150	10	150	10	1	0
MILLWORK & CABINET MAKING	17360100	200	200	151	49	151	49	7	0
OTHER TRADES AND INDUSTRIES	17990000	40	30	52	-22	52	-22	0	2
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	1,100	1,250	917	333	917	333	48	1
TRUCK DRIVERS	17991900	9,260	9,970	7,832	2,138	7,832	2,138	305	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	1	.	1	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	430	540	.	.	.	.	26	.

BATON ROUGE

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	30	30	30	0	30	0	0	0
FARM EQUIPMENT MECHANIC	1030100	0	30	14	16	18	12	4	2
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
SOIL SCIENCE	1060300	0	0	0	0	17	-17	0	0
FORESTRY	1070000	270	300	260	40	260	40	6	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FINANCE AND CREDIT	4040000	110	150	118	32	128	22	6	1
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
FOOD SERVICES	4070000	2,330	2,950	2,256	694	2,314	636	99	0
GENERAL MERCHANDISE	4080000	6,110	7,570	5,897	1,673	5,949	1,621	243	4
HOTEL & LODGING	4110000	190	250	182	68	182	68	10	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	1,120	1,430	.	.	.	.	49	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
REAL ESTATE	4170000	100	130	2,531	-2,401	3,016	-2,886	5	362
RECREATION AND TOURISM	4180000	400	480	385	95	385	95	14	0
TRANSPORTATION	4190000	3,410	4,220	3,316	904	3,316	904	129	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	380	530	.	.	.	.	24	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	59	.	.	0
DENTAL ASSISTANT	7010100	240	320	231	89	231	89	13	0
DENTAL HYGIENE	7010200	80	110	.	.	.	.	5	.
DENTAL LAB TECH	7010300	30	50	30	20	30	20	3	0
MEDICAL LABORATORY ASSISTANT	7020300	240	300	247	53	251	49	10	2
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
PRACTICAL NURSING	7030200	1,040	1,320	1,701	-381	2,682	-1,362	47	243
NURSING ASSISTANT AIDE	7030300	2,550	3,160	2,588	572	3,187	-27	101	19
SURGICAL TECHNOLOGY	7030500	80	100	77	23	77	23	3	0
OTHER NURSING	7039900	0	.	0	.	49	.	.	0
OCCUPATIONAL THERAPY	7040100	0	30	.	.	.	.	4	.
RADIOLOGIC TECHNOLOGY	7050100	170	220	167	53	174	46	8	0
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	100	130	.	.	.	.	5	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	50	60	50	10	50	10	1	0
INHALATION THERAPY	7090300	30	40	30	10	97	-57	1	0
MEDICAL ASSISTANT	7090400	180	240	173	67	173	67	10	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	28	.	77	.	.	4
CARE & GUIDANCE OF CHILDREN	9020100	490	640	512	128	512	128	26	7
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	30	.	101	.	.	4

▪ ▪ ▪ BATON ROUGE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	7	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	3,050	3,800	3,177	623	3,335	465	125	36
OFFICE MACHINE OPER	14010400	140	170	137	33	137	33	5	0
TELLERS	14010500	910	1,150	.	.	.	.	38	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	280	330	270	60	270	60	9	0
SYSTEMS ANALYST	14020000	280	330	.	.	.	.	8	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	300	370	382	-12	415	-45	11	12
PERIPHERAL EQUIP OPER	14020200	30	30	103	-73	103	-73	0	10
KEYPUNCH OPERATOR	14020201	600	750	579	171	579	171	24	0
PROGRAMMERS	14020300	350	420	471	-51	642	-222	11	18
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	1	.	.	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	5,080	6,250	6,750	-500	7,470	-1,220	196	267
INFORMATION COMMUNICATION OCCUPATIONS	14040000	380	470	365	105	365	105	15	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	730	940	772	168	772	168	35	11
SHIPPING AND RECEIVING CLERKS	14050300	820	1,030	798	232	798	232	33	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	5,040	6,220	6,297	-77	6,487	-267	195	206
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	900	1,060	2,326	-1,266	2,326	-1,266	26	206
TYPING AND RELATED OCCUPATIONS	14090000	2,320	2,760	2,240	520	2,609	151	75	1
OFFICE, OTHER	14990000	160	180	160	20	165	15	3	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
CIVIL TECHNOLOGY	16010600	410	600	404	196	404	196	28	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	490	660	1,288	-628	1,343	-683	25	115
INDUSTRIAL TECHNOLOGY	16011100	0	.	32	.	32	.	.	5
INSTRUMENTAL TECHNOLOGY	16011200	520	580	823	-243	853	-273	10	44
MECHANICAL TECHNOLOGY	16011300	0	0	18	-18	18	-18	0	3
COMMERCIAL PILOTS	16060100	40	50	68	-18	68	-18	1	4
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	60	60	60	0	60	0	0	0
AIR CONDITIONING	17010000	340	450	591	-141	874	-424	16	37
APPLIANCE REPAIR	17020000	220	270	322	-52	448	-178	8	15
AUTO BODY & FENDER REPAIR	17030100	320	400	317	83	416	-16	12	0
AUTO MECHANICS	17030200	1,680	2,000	1,717	283	2,006	-6	51	10
AVIATION OCCUPATION	17040000	0	30	0	30	0	30	4	0
BUSINESS MACHINE MAINTENANCE	17060000	110	180	110	70	110	70	10	0
COMMERCIAL ART OCCUPATIONS	17070000	60	80	96	-16	96	-16	3	5
SEAMANSHIP	17080100	310	390	305	85	305	85	12	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	60	80	61	19	61	19	3	0
COMMERCIAL PHOTOGRAPHY	17090000	140	170	140	30	140	30	4	0

*** BATON ROUGE ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	1,030	1,300	995	305	995	305	44	0
CONSTRUCTION, OTHER	17100000	620	780	851	-71	907	-127	25	35
CARPENTRY	17100100	2,570	2,980	3,076	-96	3,435	-455	71	85
HEAVY EQUIPMENT MAINTENANCE	17100301	1,380	1,700	1,350	350	1,350	350	50	0
HEAVY EQUIPMENT OPERATOR	17100302	3,870	4,760	3,791	969	3,791	969	141	3
MASONRY	17100400	510	680	544	136	569	111	26	7
PAINTING AND DECORATING	17100500	1,030	1,300	1,081	219	1,102	198	44	12
PLASTERING	17100600	160	210	158	52	158	52	8	0
PLUMBING & PIPEFITTING	17100700	2,020	2,415	3,043	-628	3,202	-787	64	153
DRYWALL INSTALLATION	17100800	200	270	.	.	.	.	10	.
GLAZIERS	17100900	100	130	98	32	98	32	5	0
ROOFERS	17101000	150	210	145	65	145	65	9	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	4,390	5,170	4,691	479	4,770	400	125	56
CUSTODIAL SERVICE	17110000	6,990	8,570	.	.	.	.	266	.
DIESEL MECHANICS	17120000	430	580	438	142	472	108	23	3
DRAFTING OCCUPATIONS	17130000	830	1,150	1,406	-256	1,493	-343	48	84
ELECTRICAL OCCUPATIONS	17140000	1,930	2,420	2,465	-45	2,556	-136	75	82
INDUSTRIAL ELECTRONICS	17140100	0	0	174	-174	174	-174	0	25
MOTOR REPAIR	17140300	50	70	51	19	67	3	3	0
COMMUNICATIONS	17150100	600	750	595	155	595	155	22	0
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
RADIO & TV TECHNICIAN	17150300	100	130	167	-37	235	-105	5	10
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	180	210	.	.	.	.	5	.
PRINTING AND PRESS	17190200	190	220	186	34	186	34	5	0
PHOTOENGRAVER, LITHOGRAPHER	17190300	60	70	.	.	.	.	1	.
BOOKBINDING	17190600	60	70	.	.	.	.	1	.
STRUCTURAL STEEL WORKERS	17203050	330	400	323	77	323	77	11	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	440	480	429	51	429	51	7	0
INSTRUMENTS	17210100	100	130	97	33	110	20	5	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	50	60	50	10	50	10	1	0
MACHINE SHOP	17230200	580	670	670	0	738	-68	15	15
MACHINE TOOL OPERATION	17230300	120	170	117	53	117	53	8	0
SHEET METAL	17230500	360	460	368	92	370	90	15	2
WELDING & CUTTING	17230600	1,680	2,070	2,545	-475	3,248	-1,178	59	127
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
BARBERING	17260100	60	60	384	-324	586	-526	1	55
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PLASTIC OCCUPATIONS	17270000	570	650	1,199	-549	1,238	-588	13	92
FIREFIGHTING TRAINING	17280100	350	390	345	45	345	45	6	0

*** BATON ROUGE ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	3,750	4,350	3,707	643	3,714	636	115	23
OTHER PUBLIC SERVICES	17289900	470	520	454	66	456	64	9	0
QUANTITY FOOD OCCUPATIONS	17290000	2,900	3,540	2,829	711	2,876	664	105	3
SMALL ENGINE REPAIR	17310000	0	0	0	0	18	-18	0	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	540	620	522	98	522	98	14	0
PUMPING PLANTS	17320200	110	120	.	.	.	.	1	.
TAILORS	17330200	180	220	181	39	218	2	7	2
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	300	420	300	120	300	120	17	0
SHOE REPAIR	17340200	30	30	.	.	.	.	0	.
UPHOLSTERING	17350000	30	70	30	40	73	-3	6	0
MILLWORK & CABINET MAKING	17360100	120	140	116	24	116	24	3	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	520	640	506	134	506	134	19	0
TRUCK DRIVERS	17991900	3,480	4,220	3,398	822	3,398	822	117	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	170	230	.	.	.	.	9	.

*** LAFAYETTE ***

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	50	60	50	10	50	10	1	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
SOIL SCIENCE	1060300	0	0	0	0	19	-19	0	0
FORESTRY	1070000	0	0	0	0	0	0	0	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FINANCE AND CREDIT	4040000	0	30	0	30	0	30	4	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
FOOD SERVICES	4070000	1,070	1,750	790	960	790	960	137	0
GENERAL MERCHANDISE	4080000	2,240	2,970	1,746	1,224	1,771	1,199	196	21
HOTEL & LODGING	4110000	60	70	39	31	39	31	4	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	210	310	.	.	.	.	21	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
REAL ESTATE	4170000	0	40	869	-829	1,418	-1,378	6	124
RECREATION AND TOURISM	4180000	190	270	134	136	134	136	19	0
TRANSPORTATION	4190000	1,040	1,460	858	602	858	602	86	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	180	290	.	.	.	.	25	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL ASSISTANT	7010100	90	130	62	68	62	68	10	0
DENTAL HYGIENE	7010200	30	40	.	.	.	.	1	.
DENTAL LAB TECH	7010300	60	80	60	20	60	20	3	0
MEDICAL LABORATORY ASSISTING	7020300	120	170	193	-23	193	-23	9	12
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
PRACTICAL NURSING	7030200	410	600	817	-217	2,739	-2,139	47	117
NURSING ASSISTANT AIDE	7030300	850	1,220	1,104	116	1,407	-187	87	70
SURGICAL TECHNOLOGY	7030500	30	50	40	10	42	8	3	1
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
RADIOLOGIC TECHNOLOGY	7050100	80	110	66	44	74	36	6	0
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	40	60	.	.	.	.	3	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	30	0	30	0	30	4	0
INHALATION THERAPY	7090300	0	0	73	-73	73	-73	0	10
MEDICAL ASSISTANT	7090400	70	100	49	51	49	51	7	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	62	.	.	0
CARE & GUIDANCE OF CHILDREN	9020100	210	350	105	245	105	245	35	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0

*** LAFAYETTE ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	62	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	1,040	1,540	829	711	939	601	118	17
OFFICE MACHINE OPER	14010400	40	50	40	10	40	10	1	0
TELLERS	14010500	220	400	.	.	.	.	34	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	70	100	56	44	56	44	6	0
SYSTEMS ANALYST	14020000	80	120	.	.	.	.	7	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	100	160	94	66	94	66	10	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
KEYPUNCH OPERATOR	14020201	160	240	118	122	347	-107	17	0
PROGRAMMERS	14020300	90	150	83	67	91	59	10	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	15	.	.	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,660	2,470	1,208	1,262	2,165	305	188	7
INFORMATION COMMUNICATION OCCUPATIONS	14040000	480	700	424	276	521	179	39	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	310	480	198	282	217	263	40	0
SHIPPING AND RECEIVING CLERKS	14050300	370	540	293	247	293	247	35	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,600	2,470	1,416	1,054	1,646	824	191	41
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	220	300	185	115	264	36	16	0
TYPING AND RELATED OCCUPATIONS	14090000	570	840	504	336	665	175	63	15
OFFICE, OTHER	14990000	50	110	36	74	36	74	11	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
CIVIL TECHNOLOGY	16010600	130	290	116	174	281	9	25	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	230	360	209	151	501	-141	22	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	6	.	23	.	.	1
INSTRUMENTAL TECHNOLOGY	16011200	130	220	109	111	111	109	16	0
MECHANICAL TECHNOLOGY	16011300	0	0	1	-1	7	-7	0	0
COMMERCIAL PILOTS	16060100	120	190	113	77	204	-14	11	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	18	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
AIR CONDITIONING	17010000	80	100	167	-67	438	-338	4	13
APPLIANCE REPAIR	17020000	100	130	128	2	175	-45	6	6
AUTO BODY & FENDER REPAIR	17030100	110	130	119	11	333	-203	5	3
AUTO MECHANICS	17030200	620	840	562	278	1,026	-186	45	6
AVIATION OCCUPATION	17040000	80	130	74	56	74	56	8	0
BUSINESS MACHINE MAINTENANCE	17060000	60	70	60	10	75	-5	1	0
COMMERCIAL ART OCCUPATIONS	17070000	0	30	0	30	0	30	4	0
SEAMANSHIP	17080100	300	460	258	202	258	202	29	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	50	80	36	44	36	44	6	0
COMMERCIAL PHOTOGRAPHY	17090000	60	100	60	40	60	40	6	0

••• LAFAYETTE •••

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	• L M A • ANNUAL AVERAGE TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	220	310	164	146	164	146	21	0
CONSTRUCTION, OTHER	17100000	130	160	109	51	174	-14	7	0
CARPENTRY	17100100	630	750	493	257	864	-114	39	2
HEAVY EQUIPMENT MAINTENANCE	17100301	430	690	353	337	398	292	48	0
HEAVY EQUIPMENT OPERATOR	17100302	1,890	2,970	1,538	1,432	1,564	1,406	205	1
MASONRY	17100400	140	180	119	61	164	16	9	0
PAINTING AND DECORATING	17100500	220	310	166	144	183	127	21	0
PLASTERING	17100600	0	30	6	24	6	24	4	1
PLUMBING & PIPEFITTING	17100700	270	360	236	124	327	33	21	3
DRYWALL INSTALLATION	17100800	30	70	.	.	.	.	6	.
GLAZIERS	17100900	40	60	40	20	40	20	3	0
ROOFERS	17101000	40	60	40	20	40	20	3	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	2,410	3,730	2,130	1,600	2,140	1,590	230	1
CUSTODIAL SERVICE	17110000	1,770	2,500	.	.	.	.	181	.
DIESEL MECHANICS	17120000	250	410	252	158	675	-265	30	7
DRAFTING OCCUPATIONS	17130000	390	680	444	236	833	-153	48	15
ELECTRICAL OCCUPATIONS	17140000	420	580	378	202	631	-51	32	3
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	30	0	30	0	30	4	0
COMMUNICATIONS	17150100	220	260	206	54	207	53	8	0
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
RADIO & TV TECHNICIAN	17150300	30	40	31	9	181	-141	1	0
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	40	60	.	.	.	.	3	.
PRINTING AND PRESS	17190200	60	100	53	47	53	47	7	0
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	30	.	.	.	.	4	.
BOOKBINDING	17190600	30	50	.	.	.	.	3	.
STRUCTURAL STEEL WORKERS	17203050	70	80	70	10	70	10	1	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	60	100	46	54	46	54	8	0
INSTRUMENTS	17210100	40	60	40	20	41	19	3	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	30	0	30	0	30	4	0
MACHINE SHOP	17230200	110	170	130	40	460	-290	9	3
MACHINE TOOL OPERATION	17230300	0	60	0	60	0	60	9	0
SHEET METAL	17230500	90	130	79	51	81	49	8	0
WELDING & CUTTING	17230600	710	1,100	757	343	2,543	-1,443	68	19
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
BARBERING	17260100	0	30	101	-71	314	-284	4	14
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PLASTIC OCCUPATIONS	17270000	0	0	0	0	5	-5	0	0
FIREFIGHTING TRAINING	17280100	260	370	234	136	234	136	20	0

▪ ▪ ▪ LAFAYETTE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	1,650	2,490	1,035	1,455	1,078	1,412	229	21
OTHER PUBLIC SERVICES	17289900	60	100	60	40	61	39	6	0
QUANTITY FOOD OCCUPATIONS	17290000	000	1,390	669	721	684	706	103	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	12	.	.	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	530	860	383	477	383	477	68	0
PUMPING PLANTS	17320200	340	570	.	.	.	.	45	.
TAILORS	17330200	70	100	35	65	35	65	9	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	160	270	160	110	160	110	16	0
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
UPHOLSTERING	17350000	0	0	0	0	63	-63	0	0
MILLWORK & CABINET MAKING	17360100	30	30	30	0	30	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	1	-1	0	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	130	190	102	88	103	87	13	0
TRUCK DRIVERS	17991900	1,410	2,180	1,144	1,036	1,318	862	148	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	1	.	1	.	.	0
EXTERMINATORS	61089204	30	50	.	.	.	.	3	.

*** LAKE CHARLES ***
LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	40	60	40	20	40	20	3	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
SOIL SCIENCE	1060300	0	0	12	-12	12	-12	0	2
FORESTRY	1070000	0	0	0	0	41	-41	0	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FINANCE AND CREDIT	4040000	30	40	45	-5	45	-5	1	2
FLORISTRY	4050000	0	.	0	.	0		.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
FOOD SERVICES	4070000	880	1,090	880	210	880	210	30	0
GENERAL MERCHANDISE	4080000	1,720	2,040	1,258	782	1,259	781	113	1
HOTEL & LODGING	4110000	60	70	60	10	60	10	1	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	1[illegible]	220	.	.	.	.	12	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
REAL ESTATE	4170000	0	0	532	-532	694	-694	0	76
RECREATION AND TOURISM	4180000	130	150	130	20	130	20	3	0
TRANSPORTATION	4190000	1,120	1,380	910	470	910	470	67	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	110	130	.	.	.	.	8	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL ASSISTANT	7010100	100	140	72	68	72	68	10	0
DENTAL HYGIENE	7010200	30	50	.	.	.	.	3	.
DENTAL LAB TECH	7010300	30	50	30	20	30	20	3	0
MEDICAL LABORATORY ASSISTING	7020300	100	140	86	54	86	54	8	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
PRACTICAL NURSING	7030200	440	590	971	-381	1,207	-617	42	139
NURSING ASSISTANT AIDE	7030300	990	1,330	1,247	83	1,309	21	49	37
SURGICAL TECHNOLOGY	7030500	30	50	30	20	30	20	3	0
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
RADIOLOGIC TECHNOLOGY	7050100	80	100	66	34	66	34	5	0
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	40	50	.	.	.	.	1	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	30	0	30	0	30	4	0
INHALATION THERAPY	7090300	0	0	0	0	0	0	0	0
MEDICAL ASSISTANT	7090400	70	90	70	20	70	20	3	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	0	.	.	0
CARE & GUIDANCE OF CHILDREN	9020100	80	90	80	10	80	10	1	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0

*** LAKE CHARLES ***

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	880	1,050	701	349	801	249	59	9
OFFICE MACHINE OPER	14010400	30	30	30	0	30	0	0	0
TELLERS	14010500	330	510	.	.	.	.	37	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	60	60	60	0	60	0	0	0
SYSTEMS ANALYST	14020000	60	80	.	.	.	.	3	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	60	80	90	-10	97	-17	3	4
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
KEYPUNCH OPERATOR	14020201	130	160	102	58	102	58	8	0
PROGRAMMERS	14020300	60	80	114	-34	144	-64	3	8
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	0	.	.	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,350	1,630	1,175	455	1,199	431	93	28
INFORMATION COMMUNICATION OCCUPATIONS	14040000	110	140	82	58	158	-18	8	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	240	320	156	164	156	164	23	0
SHIPPING AND RECEIVING CLERKS	14050300	250	290	215	75	216	74	11	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,400	1,700	1,196	504	1,350	350	95	23
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	200	230	193	37	193	37	8	3
TYPING AND RELATED OCCUPATIONS	14090000	480	580	410	170	477	103	32	8
OFFICE, OTHER	14990000	30	70	30	40	30	40	6	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
CIVIL TECHNOLOGY	16010600	50	70	50	20	50	20	3	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	110	140	389	-249	389	-249	4	40
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
INSTRUMENTAL TECHNOLOGY	16011200	290	360	256	104	256	104	15	0
MECHANICAL TECHNOLOGY	16011300	0	0	12	-12	12	-12	0	2
COMMERCIAL PILOTS	16060100	0	0	49	-49	49	-49	0	7
FORESTRY TECHNOLOGY	16060300	0	.	0	.	11	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	30	30	30	0	30	0	0	0
AIR CONDITIONING	17010000	80	90	128	-38	129	-39	1	7
APPLIANCE REPAIR	17020000	70	80	70	10	71	9	1	0
AUTO BODY & FENDER REPAIR	17030100	100	100	140	-40	140	-40	0	6
AUTO MECHANICS	17030200	540	610	512	98	574	36	21	7
AVIATION OCCUPATION	17040000	0	0	69	-69	69	-69	0	10
BUSINESS MACHINE MAINTENANCE	17060000	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	130	120	130	-10	130	-10	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	0	0	0	0	0	0	0	0

* * * LAKE CHARLES * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	420	470	329	141	329	141	20	0
CONSTRUCTION, OTHER	17100000	160	160	201	-41	204	-44	0	6
CARPENTRY	17100100	600	590	592	-2	682	-92	18	18
HEAVY EQUIPMENT MAINTENANCE	17100301	520	680	436	244	436	244	35	0
HEAVY EQUIPMENT OPERATOR	17100302	1,480	1,950	1,224	726	1,254	696	106	2
MASONRY	17100400	90	90	130	-40	137	-47	0	6
PAINTING AND DECORATING	17100500	420	470	330	140	347	123	20	0
PLASTERING	17100600	30	40	30	10	30	10	1	0
PLUMBING & PIPEFITTING	17100700	740	910	738	172	753	157	42	18
DRYWALL INSTALLATION	17100800	60	70	.	.	.	.	1	.
GLAZIERS	17100900	40	50	40	10	40	10	1	0
ROOFERS	17101000	30	30	30	0	30	0	0	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	1,590	1,870	1,444	426	1,455	415	69	8
CUSTODIAL SERVICE	17110000	1,850	2,320	.	.	.	.	142	.
DIESEL MECHANICS	17120000	140	170	121	49	122	48	7	0
DRAFTING OCCUPATIONS	17130000	190	230	215	15	227	3	9	7
ELECTRICAL OCCUPATIONS	17140000	570	670	561	109	603	67	25	10
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	30	12	18	17	13	4	2
COMMUNICATIONS	17150100	180	220	174	46	174	46	7	0
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
RADIO & TV TECHNICIAN	17150300	30	40	95	-55	96	-56	1	9
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	50	60	.	.	.	.	1	.
PRINTING AND PRESS	17190200	30	40	30	10	30	10	1	0
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
STRUCTURAL STEEL WORKERS	17203050	80	90	80	10	80	10	1	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	250	290	340	-50	340	-50	12	19
INSTRUMENTS	17210100	40	50	81	-31	86	-36	1	6
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE SHOP	17230200	330	410	374	36	485	-75	20	15
MACHINE TOOL OPERATION	17230300	0	0	0	0	0	0	0	0
SHEET METAL	17230500	70	80	73	7	73	7	1	0
WELDING & CUTTING	17230600	570	720	765	-45	1,022	-302	29	36
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
BARBERING	17260100	30	30	317	-287	380	-350	0	45
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PLASTIC OCCUPATIONS	17270000	310	380	263	117	264	116	17	0
FIREFIGHTING TRAINING	17280100	150	180	150	30	150	30	4	0

LAKE CHARLES

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	890	1,140	894	246	911	229	36	1
OTHER PUBLIC SERVICES	17289900	50	50	36	14	36	14	2	0
QUANTITY FOOD OCCUPATIONS	17290000	900	1,120	718	402	718	402	57	0
SMALL ENGINE REPAIR	17310000	0	.	4	.	47	.	.	1
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	270	310	193	117	193	117	17	0
PUMPING PLANTS	17320200	30	30	.	.	.	.	0	.
TAILORS	17330200	40	40	40	0	180	-140	0	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	90	130	76	54	76	54	8	0
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
UPHOLSTERING	17350000	0	0	0	0	0	0	0	0
MILLWORK & CABINET MAKING	17360100	0	0	0	0	0	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	130	150	110	40	115	35	6	0
TRUCK DRIVERS	17991900	1,160	1,370	971	399	971	399	57	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	0	30	.	.	.	.	4	.

ALEXANDRIA

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	0	0	0	0	0	0	0
FARM EQUIPMENT MECHANIC	1030100	0	0	1	-1	1	-1	0	0
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
SOIL SCIENCE	1060300	0	0	15	-15	21	-21	0	2
FORESTRY	1070000	60	60	60	0	60	0	0	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FINANCE AND CREDIT	4040000	0	0	0	0	0	0	0	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
FOOD SERVICES	4070000	550	830	410	420	410	420	60	0
GENERAL MERCHANDISE	4080000	1,730	2,030	1,283	747	1,323	707	110	3
HOTEL & LODGING	4110000	50	60	50	10	50	10	1	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	490	540	.	.	.	.	20	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
REAL ESTATE	4170000	0	0	293	-293	443	-443	0	42
RECREATION AND TOURISM	4180000	140	160	140	20	140	20	3	0
TRANSPORTATION	4190000	1,010	1,130	849	281	849	281	40	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	100	100	.	.	.	.	0	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL ASSISTANT	7010100	60	70	60	10	60	10	1	0
DENTAL HYGIENE	7010200	0	0	.	.	.	.	0	.
DENTAL LAB TECH	7010300	0	0	1	-1	1	-1	0	0
MEDICAL LABORATORY ASSISTING	7020300	130	170	116	54	116	54	8	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
PRACTICAL NURSING	7030200	650	830	924	-94	1,212	-382	56	132
NURSING ASSISTANT AIDE	7030300	1,730	2,160	1,619	541	1,880	280	126	49
SURGICAL TECHNOLOGY	7030500	50	60	52	8	52	8	1	0
OTHER NURSING	7039900	0	.	13	.	13	.	.	2
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
RADIOLOGIC TECHNOLOGY	7050100	100	130	98	32	98	32	6	2
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	0	30	.	.	.	.	4	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	30	40	30	10	30	10	1	0
INHALATION THERAPY	7090300	0	0	0	0	3	-3	0	0
MEDICAL ASSISTANT	7090400	60	70	60	10	60	10	1	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	30	.	.	0
CARE & GUIDANCE OF CHILDREN	9020100	180	230	103	127	105	125	18	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0

ALEXANDRIA

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	830	920	655	265	734	186	44	6
OFFICE MACHINE OPER	14010400	30	30	30	0	30	0	0	0
TELLERS	14010500	240	280	.	.	.	.	13	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	80	90	80	10	80	10	1	0
SYSTEMS ANALYST	14020000	60	60	.	.	.	.	0	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	80	90	80	10	80	10	1	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
KEYPUNCH OPERATOR	14020201	130	150	102	48	102	48	7	0
PROGRAMMERS	14020300	80	90	81	9	81	9	1	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	6	.	.	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,500	1,660	1,620	40	1,726	-66	79	73
INFORMATION COMMUNICATION OCCUPATIONS	14040000	330	380	302	78	302	78	11	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	230	280	160	120	160	120	17	0
SHIPPING AND RECEIVING CLERKS	14050300	310	320	282	38	282	38	5	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,270	1,470	1,190	280	1,265	205	75	35
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	220	240	185	55	190	50	8	0
TYPING AND RELATED OCCUPATIONS	14090000	680	750	512	238	576	174	34	0
OFFICE, OTHER	14990000	30	40	69	-29	69	-29	1	6
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
CIVIL TECHNOLOGY	16010600	40	40	40	0	47	-7	0	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	100	110	100	10	105	5	1	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
INSTRUMENTAL TECHNOLOGY	16011200	100	110	100	10	100	10	1	0
MECHANICAL TECHNOLOGY	16011300	0	0	7	-7	12	-12	0	1
COMMERCIAL PILOTS	16060100	0	0	0	0	0	0	0	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
AIR CONDITIONING	17010000	80	90	139	-49	219	-129	1	8
APPLIANCE REPAIR	17020000	70	80	130	-50	133	-53	1	9
AUTO BODY & FENDER REPAIR	17030100	60	60	89	-29	162	-102	0	4
AUTO MECHANICS	17030200	450	470	497	-27	578	-108	12	16
AVIATION OCCUPATION	17040000	30	30	30	0	30	0	0	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	0	.	0	.	0	.	.	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	30	30	30	0	31	-1	0	0

* * * ALEXANDRIA * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	150	160	115	45	115	45	6	0
CONSTRUCTION, OTHER	17100000	60	60	66	-6	89	-29	0	1
CARPENTRY	17100100	420	450	355	95	536	-86	18	5
HEAVY EQUIPMENT MAINTENANCE	17100301	220	240	199	41	199	41	6	0
HEAVY EQUIPMENT OPERATOR	17100302	870	940	769	171	769	171	28	4
MASONRY	17100400	50	50	117	-67	118	-68	0	10
PAINTING AND DECORATING	17100500	150	160	116	44	116	44	6	0
PLASTERING	17100600	0	0	0	0	0	0	0	0
PLUMBING & PIPEFITTING	17100700	200	220	221	-1	222	-2	8	8
DRYWALL INSTALLATION	17100800	0	0	.	.	.	.	0	.
GLAZIERS	17100900	30	30	31	-1	31	-1	0	0
ROOFERS	17101000	0	0	0	0	0	0	0	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	890	1,000	794	206	795	205	30	0
CUSTODIAL SERVICE	17110000	2,040	2,420	.	.	.	.	104	.
DIESEL MECHANICS	17120000	90	90	138	-48	183	-93	0	7
DRAFTING OCCUPATIONS	17130000	110	120	214	-94	222	-102	1	15
ELECTRICAL OCCUPATIONS	17140000	240	260	315	-55	323	-63	7	15
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	0	0	0	0	0	0	0
COMMUNICATIONS	17150100	180	200	180	20	180	20	3	0
INDUSTRIAL ELECTRONICS	17150200	0	.	.	.	.	.	.	.
RADIO & TV TECHNICIAN	17150300	0	30	97	-67	98	-68	4	14
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	40	40	.	.	.	.	0	.
PRINTING AND PRESS	17190200	40	40	40	0	42	-2	0	0
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
STRUCTURAL STEEL WORKERS	17203050	30	30	31	-1	31	-1	0	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	0	0	0	0	0	0	0	0
INSTRUMENTS	17210100	0	30	0	30	1	29	4	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE SHOP	17230200	70	80	102	-22	103	-23	1	5
MACHINE TOOL OPERATION	17230300	80	80	80	0	80	0	0	0
SHEET METAL	17230500	50	60	60	0	61	-1	1	1
WELDING & CUTTING	17230600	240	270	309	-39	572	-302	7	13
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
BARBERING	17260100	0	0	114	-114	180	-180	0	16
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PLASTIC OCCUPATIONS	17270000	0	0	0	0	7	-7	0	0
FIREFIGHTING TRAINING	17280100	180	190	180	10	180	10	1	0

ALEXANDRIA

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	1,040	1,130	716	414	725	405	62	3
OTHER PUBLIC SERVICES	17289900	180	180	145	35	151	29	5	0
QUANTITY FOOD OCCUPATIONS	17290000	800	1,080	611	469	611	469	67	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	60	.	.	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	130	150	102	48	102	48	7	0
PUMPING PLANTS	17320200	30	30	.	.	.	.	0	.
TAILORS	17330200	50	60	29	31	29	31	4	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	490	620	365	255	365	255	37	0
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
UPHOLSTERING	17350000	0	30	0	30	11	19	4	0
MILLWORK & CABINET MAKING	17360100	80	80	81	-1	81	-1	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	.	0	.	0	.	.	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	110	120	117	3	121	-1	1	1
TRUCK DRIVERS	17991900	1,050	1,070	889	181	889	181	26	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	40	50	.	.	.	.	1	.

••• SHREVEPORT •••
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	• L M A • ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	50	80	50	30	50	30	4	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
SOIL SCIENCE	1060300	0	0	13	-13	49	-49	0	2
FORESTRY	1070000	60	60	60	0	79	-19	0	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FINANCE AND CREDIT	4040000	80	100	-46	146	-46	146	21	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	269	.	269	.	.	38
FOOD SERVICES	4070000	1,740	2,370	1,353	1,017	1,353	1,017	148	3
GENERAL MERCHANDISE	4080000	5,000	5,770	3,864	1,906	3,984	1,786	301	29
HOTEL & LODGING	4110000	140	180	98	82	98	82	12	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	730	770	.	.	.	.	25	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
REAL ESTATE	4170000	50	50	1,313	-1,263	1,625	-1,575	0	188
RECREATION AND TOURISM	4180000	300	430	236	194	236	194	31	3
TRANSPORTATION	4190000	2,860	3,330	2,349	981	2,349	981	140	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	390	430	.	.	.	.	22	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL ASSISTANT	7010100	160	210	118	92	118	92	13	0
DENTAL HYGIENE	7010200	50	70	.	.	.	.	3	.
DENTAL LAB TECH	7010300	90	110	86	24	86	24	5	1
MEDICAL LABORATORY ASSISTING	7020300	240	310	259	51	259	51	17	10
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
PRACTICAL NURSING	7030200	870	1,130	1,857	-727	2,391	-1,261	77	265
NURSING ASSISTANT AIDE	7030300	2,100	2,670	1,827	843	2,221	449	160	40
SURGICAL TECHNOLOGY	7030500	60	80	48	32	48	32	5	0
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
RADIOLOGIC TECHNOLOGY	7050100	150	190	122	68	122	68	10	0
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	60	80	.	.	.	.	3	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	40	60	40	20	40	20	3	0
INHALATION THERAPY	7090300	0	30	0	30	0	30	4	0
MEDICAL ASSISTANT	7090400	140	190	116	74	116	74	12	2
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	203	.	.	0
CARE & GUIDANCE OF CHILDREN	9020100	390	490	234	256	235	255	38	2
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	40	.	49	.	.	6

▪ ▪ ▪ SHREVEPORT ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	2,330	2,740	1,839	901	2,297	443	151	22
OFFICE MACHINE OPER	14010400	70	90	70	20	90	0	3	0
TELLERS	14010500	610	800	.	.	.	.	27	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	180	210	131	79	131	79	11	0
SYSTEMS ANALYST	14020000	160	190	.	.	.	.	6	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	230	270	209	61	210	60	9	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
KEYPUNCH OPERATOR	14020201	400	460	309	151	309	151	22	0
PROGRAMMERS	14020300	220	250	283	-33	283	-33	6	11
OTHER BUSINESS DATA PROCESSING	14029900	0	.	10	.	10	.	.	1
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	3,790	4,480	3,002	1,478	3,370	1,110	244	32
INFORMATION COMMUNICATION OCCUPATIONS	14040000	260	310	190	120	190	120	17	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	570	710	388	322	388	322	46	0
SHIPPING AND RECEIVING CLERKS	14050300	850	960	703	257	703	257	37	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	3,400	4,080	2,780	1,300	3,094	986	221	35
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	500	590	629	-39	649	-59	24	29
TYPING AND RELATED OCCUPATIONS	14090000	1,280	1,510	959	551	1,109	401	80	1
OFFICE, OTHER	14990000	130	170	123	47	124	46	8	1
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
CIVIL TECHNOLOGY	16010600	100	140	127	13	134	6	6	4
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	410	510	480	30	524	-14	19	15
INDUSTRIAL TECHNOLOGY	16011100	0	.	19	.	19	.	.	3
INSTRUMENTAL TECHNOLOGY	16011200	230	260	234	26	246	14	7	4
MECHANICAL TECHNOLOGY	16011300	30	30	102	-72	188	-158	0	10
COMMERCIAL PILOTS	16060100	80	90	606	-516	606	-516	1	75
FORESTRY TECHNOLOGY	16060300	0	.	3	.	3	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	0	0	0	0	0	0	0
AIR CONDITIONING	17010000	240	270	353	-83	437	-167	7	19
APPLIANCE REPAIR	17020000	190	220	230	-10	242	-22	8	10
AUTO BODY & FENDER REPAIR	17030100	260	320	339	-19	339	-19	13	15
AUTO MECHANICS	17030200	1,320	1,520	1,462	58	1,592	-72	57	48
AVIATION OCCUPATION	17040000	70	80	70	10	70	10	1	0
BUSINESS MACHINE MAINTENANCE	17060000	110	140	111	29	117	23	4	0
COMMERCIAL ART OCCUPATIONS	17070000	50	60	50	10	50	10	1	0
SEAMANSHIP	17080100	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	250	340	215	125	215	125	18	0

*** SHREVEPORT ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	520	590	509	81	509	81	27	15
CONSTRUCTION, OTHER	17100000	190	210	169	41	169	41	7	1
CARPENTRY	17100100	1,160	1,360	1,069	291	1,120	240	70	28
HEAVY EQUIPMENT MAINTENANCE	17100301	770	900	658	242	658	242	35	0
HEAVY EQUIPMENT OPERATOR	17100302	3,380	3,570	2,853	717	2,874	696	106	4
MASONRY	17100400	170	200	168	32	172	28	7	3
PAINTING AND DECORATING	17100500	520	590	420	170	420	170	27	3
PLASTERING	17100600	30	30	37	-7	42	-12	0	1
PLUMBING & PIPEFITTING	17100700	800	970	755	215	755	215	43	13
DRYWALL INSTALLATION	17100800	80	90	.	.	.	.	1	.
GLAZIERS	17100900	110	130	122	8	122	8	3	2
ROOFERS	17101000	120	140	105	35	105	35	6	1
OTHER CONSTRUCTION & MAINTENANCE	17109900	3,030	3,500	2,811	689	3,367	133	119	21
CUSTODIAL SERVICE	17110000	4,460	5,360	.	.	.	.	306	.
DIESEL MECHANICS	17120000	400	460	401	59	406	54	18	9
DRAFTING OCCUPATIONS	17130000	440	550	486	64	747	-197	22	13
ELECTRICAL OCCUPATIONS	17140000	850	1,030	925	105	1,095	-65	43	28
INDUSTRIAL ELECTRONICS	17140100	80	80	80	0	80	0	0	0
MOTOR REPAIR	17140300	40	50	41	9	41	9	1	0
COMMUNICATIONS	17150100	500	560	472	88	472	88	13	0
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
RADIO & TV TECHNICIAN	17150300	70	90	72	18	98	-8	3	0
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	76	.	76	.	.	11
COMPOSITION, MAKEUP AND TYPESETTING	17190100	150	160	.	.	.	.	6	.
PRINTING AND PRESS	17190200	160	160	166	-6	166	-6	0	1
PHOTOENGRAVER, LITHOGRAPHER	17190300	50	50	.	.	.	.	0	.
BOOKBINDING	17190600	80	80	.	.	.	.	0	.
STRUCTURAL STEEL WORKERS	17203050	130	150	109	41	109	41	6	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	240	300	198	102	198	102	15	0
INSTRUMENTS	17210100	60	80	61	19	61	19	3	0
WATCHMAKERS	17210200	0	0	0	0	22	-22	0	0
MARITIME OCCUPATIONS	17220000	0	.	0	.	0	.	.	0
MACHINE SHOP	17230200	570	700	604	96	611	89	33	19
MACHINE TOOL OPERATION	17230300	710	900	564	336	574	326	49	1
SHEET METAL	17230500	320	400	311	89	311	89	18	6
WELDING & CUTTING	17230600	1,730	2,340	1,894	446	2,254	86	113	49
TOOL AND DIEMAKERS	17230700	270	340	219	121	228	112	18	1
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	1	-1	1	-1	0	0
BARBERING	17260100	70	80	425	-345	502	-422	6	61
OTHER PERSONAL SERVICES	17269900	0	.	25	.	25	.	.	4
PLASTIC OCCUPATIONS	17270000	460	530	397	133	397	133	19	0
FIREFIGHTING TRAINING	17280100	330	440	295	145	295	145	21	0

▪▪▪ SHREVEPORT ▪▪▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	2,090	2,610	1,374	1,236	1,438	1,172	188	12
OTHER PUBLIC SERVICES	17289900	230	260	181	79	187	73	11	0
QUANTITY FOOD OCCUPATIONS	17290000	1,970	2,500	1,560	940	1,560	940	141	6
SMALL ENGINE REPAIR	17310000	0	.	34	.	55	.	.	5
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	410	480	320	160	320	160	23	0
PUMPING PLANTS	17320200	220	250	.	.	.	.	4	.
TAILORS	17330200	160	190	100	90	100	90	13	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	910	920	834	86	834	86	12	0
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
UPHOLSTERING	17350000	30	40	189	-149	100	-60	1	23
MILLWORK & CABINET MAKING	17360100	150	160	109	51	109	51	7	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	1	-1	2	-2	0	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	270	320	235	85	235	85	14	2
TRUCK DRIVERS	17991900	3,340	3,910	5,687	-1,777	5,922	-2,012	81	335
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	50	60	.	.	.	.	1	.

* * * MONROE * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	0	.	.	.	.	.	.	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	0	0	0	0	0	0	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	122	-122	0	0
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
SOIL SCIENCE	1060300	0	0	15	-15	28	-28	0	2
FORESTRY	1070000	30	1	30	-29	30	-29	-3	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FINANCE AND CREDIT	4040000	30	30	30	0	30	0	0	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
FOOD SERVICES	4070000	600	830	453	377	453	377	54	0
GENERAL MERCHANDISE	4080000	1,930	2,150	1,427	723	1,445	705	103	0
HOTEL & LODGING	4110000	40	40	40	0	40	0	0	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	420	470	.	.	.	.	19	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
REAL ESTATE	4170000	0	30	462	-432	742	-712	4	66
RECREATION AND TOURISM	4180000	100	110	100	10	100	10	1	0
TRANSPORTATION	4190000	920	990	861	129	861	129	33	15
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	140	160	.	.	.	.	9	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL ASSISTANT	7010100	70	90	49	41	49	41	6	0
DENTAL HYGIENE	7010200	0	30	.	.	.	.	4	.
DENTAL LAB TECH	7010300	0	0	0	0	0	0	0	0
MEDICAL LABORATORY ASSISTING	7020300	80	100	80	20	80	20	3	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
PRACTICAL NURSING	7030200	350	430	796	-366	1,772	-1,342	27	114
NURSING ASSISTANT AIDE	7030300	780	960	577	383	886	74	55	0
SURGICAL TECHNOLOGY	7030500	30	40	49	-9	64	-24	1	3
OTHER NURSING	7039900	0	.	0	.	10	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
RADIOLOGIC TECHNOLOGY	7050100	60	80	60	20	60	20	3	0
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	0	0	.	.	.	.	0	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	0	0	0	0	0	0	0
INHALATION THERAPY	7090300	0	0	0	0	0	0	0	0
MEDICAL ASSISTANT	7090400	50	70	50	20	50	20	3	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	0	.	.	0
CARE & GUIDANCE OF CHILDREN	9020100	130	120	88	32	88	32	5	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0

▪ ▪ ▪ MONROE ▪ ▪ ▪

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	830	930	707	223	823	107	46	14
OFFICE MACHINE OPER	14010400	30	30	104	-74	104	-74	0	11
TELLERS	14010500	280	370	.	.	.	.	21	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	30	30	49	-19	49	-19	0	3
SYSTEMS ANALYST	14020000	40	50	.	.	.	.	1	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	80	90	80	10	80	10	1	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
KEYPUNCH OPERATOR	14020201	140	160	105	55	105	55	8	0
PROGRAMMERS	14020300	80	90	80	10	80	10	1	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	0	.	.	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,390	1,540	1,161	379	1,271	269	72	18
INFORMATION COMMUNICATION OCCUPATIONS	14040000	290	340	262	78	262	78	11	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	200	240	137	103	137	103	15	0
SHIPPING AND RECEIVING CLERKS	14050300	330	340	295	45	295	45	6	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,180	1,290	1,127	163	1,246	44	57	33
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	180	190	156	34	156	34	5	1
TYPING AND RELATED OCCUPATIONS	14090000	500	530	456	74	542	-12	22	12
OFFICE, OTHER	14990000	0	30	17	13	16	14	4	2
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
CIVIL TECHNOLOGY	16010600	50	60	50	10	62	-2	1	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	110	120	133	-13	185	-65	1	3
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
INSTRUMENTAL TECHNOLOGY	16011200	60	70	61	9	72	-2	1	0
MECHANICAL TECHNOLOGY	16011300	0	0	12	-12	35	-35	0	2
COMMERCIAL PILOTS	16060100	0	0	15	-15	15	-15	0	2
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
AIR CONDITIONING	17010000	80	80	164	-84	345	-265	0	12
APPLIANCE REPAIR	17020000	70	80	71	9	143	-63	1	0
AUTO BODY & FENDER REPAIR	17030100	70	100	147	-47	157	-57	4	11
AUTO MECHANICS	17030200	480	520	457	63	490	30	16	7
AVIATION OCCUPATION	17040000	0	0	1	-1	6	-6	0	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	30	-30	30	-30	0	4
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	0	0	59	-59	64	-64	0	8

*** MONROE ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
BUILDING MAINTENANCE OCCUPATIONS	17099000	230	250	181	69	181	69	10	0
CONSTRUCTION, OTHER	17100000	60	60	60	0	60	0	0	0
CARPENTRY	17100100	480	470	472	-2	506	-36	14	14
HEAVY EQUIPMENT MAINTENANCE	17100301	290	320	262	58	262	58	8	0
HEAVY EQUIPMENT OPERATOR	17100302	1,080	1,130	993	137	1,015	115	29	10
MASONRY	17100400	40	40	84	-44	84	-44	0	6
PAINTING AND DECORATING	17100500	230	250	184	66	184	66	10	0
PLASTERING	17100600	0	0	0	0	3	-3	0	0
PLUMBING & PIPEFITTING	17100700	340	360	308	52	350	10	10	2
DRYWALL INSTALLATION	17100800	0	0	.	.	.	.	0	.
GLAZIERS	17100900	0	0	1	-1	1	-1	0	0
ROOFERS	17101000	40	50	40	10	41	9	1	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	1,070	1,100	1,028	72	1,070	30	13	3
CUSTODIAL SERVICE	17110000	1,730	1,940	.	.	.	.	96	.
DIESEL MECHANICS	17120000	130	140	131	9	190	-50	1	0
DRAFTING OCCUPATIONS	17130000	130	150	197	-47	255	-105	5	12
ELECTRICAL OCCUPATIONS	17140000	450	490	513	-23	541	-51	14	17
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	0	0	0	0	0	0	0
COMMUNICATIONS	17150100	160	190	153	37	153	37	5	0
INDUSTRIAL ELECTRONICS	17150200	0	.	.	.	.	.	.	.
RADIO & TV TECHNICIAN	17150300	0	30	17	13	42	-12	4	2
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	70	70	.	.	.	.	0	.
PRINTING AND PRESS	17190200	90	90	90	0	90	0	0	0
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
STRUCTURAL STEEL WORKERS	17203050	50	50	50	0	51	-1	0	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	60	60	60	0	60	0	0	0
INSTRUMENTS	17210100	0	0	0	0	2	-2	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE SHOP	17230200	120	130	142	-12	148	-18	1	3
MACHINE TOOL OPERATION	17230300	0	0	0	0	0	0	0	0
SHEET METAL	17230500	100	110	112	-2	117	-7	1	2
WELDING & CUTTING	17230600	340	370	323	47	369	1	8	2
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
BARBERING	17260100	0	0	124	-124	224	-224	0	18
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PLASTIC OCCUPATIONS	17270000	50	50	50	0	56	-6	0	0
FIREFIGHTING TRAINING	17280100	110	120	110	10	110	10	1	0

••• MONROE •••

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	• L M A • ANNUAL AVERAGE TRAINED MANPOWER
LAW ENFORCEMENT TRAINING	17280200	670	720	471	249	544	176	39	4
OTHER PUBLIC SERVICES	17289900	50	50	74	-24	87	-37	0	3
QUANTITY FOOD OCCUPATIONS	17290000	720	880	573	307	573	307	44	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	32	.	.	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	110	120	82	38	82	38	5	0
PUMPING PLANTS	17320200	0	0	.	.	.	.	0	.
TAILORS	17330200	59	60	22	38	22	38	5	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	160	180	139	41	139	41	6	0
SHOE REPAIR	17340200	0	.	.	.	.	.	.	.
UPHOLSTERING	17350000	50	50	50	0	50	0	0	0
MILLWORK & CABINET MAKING	17360100	0	0	2	-2	2	-2	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	140	150	140	10	142	8	1	0
TRUCK DRIVERS	17991900	970	1,020	1,221	-201	1,221	-201	28	57
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	1	.	.	0
EXTERMINATORS	61089204	30	40	.	.	.	.	1	.

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
AGRICULTURAL CHEMICALS	1020100	30	40	.	.	1	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	510	520	520	0	10	10
FARM EQUIPMENT MECHANIC	1030100	170	220	277	-57	12	20
ORNAMENTAL HORTICULTURE	1050000	0	.	35	.	.	5
SOIL SCIENCE	1060300	140	160	402	-242	6	40
FORESTRY	1070000	800	960	636	324	55	9
ADVERTISING	4010000	0	.	17	.	.	2
FINANCE AND CREDIT	4040000	820	1,040	723	317	58	13
FLORISTRY	4050000	0	.	445	.	.	64
FOOD DISTRIBUTION	4060000	0	.	269	.	.	38
FOOD SERVICES	4070000	19,860	26,520	15,564	10,956	1,620	55
GENERAL MERCHANDISE	4080000	46,830	53,380	36,521	16,859	2,710	301
HOTEL & LODGING	4110000	1,670	2,150	1,187	963	143	5
INDUSTRIAL MARKETING	4120000	0	.	32	.	.	5
INSURANCE	4130000	7,080	8,220	.	.	365	.
PERSONAL SERVICES	4150000	0	.	122	.	.	17
REAL ESTATE	4170000	850	1,130	14,213	-13,083	96	2,030
RECREATION AND TOURISM	4180000	3,590	4,330	2,781	1,549	234	12
TRANSPORTATION	4190000	28,600	33,780	23,081	10,699	1,543	15
RETAIL TRADE, OTHER	4200000	0	.	90	.	.	13
WHOLESALE TRADE OTHER	4310000	3,500	4,240	.	.	262	.
DISTRIBUTIVE EDUCATION	4990000	0	.	210	.	.	30
DENTAL ASSISTANT	7010100	1,650	2,170	1,313	857	137	15
DENTAL HYGIENE	7010200	550	730	.	.	51	.
DENTAL LAB TECH	7010300	560	740	561	179	41	15
MEDICAL LABORATORY ASSISTING	7020300	2,450	3,120	2,140	980	165	25
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	10	.	.	1
PRACTICAL NURSING	7030200	9,640	12,280	16,271	-3,991	816	2,324
NURSING ASSISTANT AIDE	7030300	21,940	27,950	21,274	6,676	1,687	733
SURGICAL TECHNOLOGY	7030500	780	980	639	341	58	9
OTHER NURSING	7039900	0	.	105	.	.	15
OCCUPATIONAL THERAPY	7040100	120	150	.	.	7	.
RADIOLOGIC TECHNOLOGY	7050100	1,730	2,190	1,761	429	104	42
NUCLEAR TECHNOLOGY	7050300	0	.	6	.	.	1
OPHTHALMIC DISPENSING	7060100	660	870	.	.	47	.
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	500	630	400	230	37	4
INHALATION THERAPY	7090300	280	360	534	-174	19	44
MEDICAL ASSISTANT	7090400	1,360	1,800	1,007	793	115	2
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	527	.	.	75
CARE & GUIDANCE OF CHILDREN	9020100	4,410	4,800	3,018	1,782	300	45
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	331	.	.	47
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	7	.	.	1

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	62	.	.	9
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	23,500	28,120	19,771	8,349	1,589	396
OFFICE MACHINE OPER	14010400	800	960	754	203	43	13
TELLERS	14010500	6,230	8,130	.	.	455	.
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	1,740	2,030	1,325	705	103	3
SYSTEMS ANALYST	14020000	1,680	2,050	.	.	72	.
COMPUTER & CONSOLE OCCUPATIONS	14020100	2,110	2,580	2,513	67	92	83
PERIPHERAL EQUIP OPER	14020200	180	230	239	-9	9	10
KEYPUNCH OPERATOR	14020201	3,770	4,600	3,096	1,504	248	33
PROGRAMMERS	14020300	2,070	2,830	2,654	176	133	107
OTHER BUSINESS DATA PROCESSING	14029900	0	.	148	.	.	21
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	34,030	40,800	30,316	10,484	2,441	943
INFORMATION COMMUNICATION OCCUPATIONS	14040000	2,970	3,690	2,351	1,339	218	27
RECEPTIONISTS AND INFORMATION CLERKS	14040600	5,870	7,350	4,065	3,285	483	14
SHIPPING AND RECEIVING CLERKS	14050300	7,980	9,160	6,560	2,600	372	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	36,930	44,580	33,702	10,878	2,448	894
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	6,550	7,650	7,381	269	298	260
TYPING AND RELATED OCCUPATIONS	14090000	14,290	17,320	12,967	4,353	966	344
OFFICE, OTHER	14990000	1,060	1,350	862	488	94	25
AERONAUTICAL TECHNOLOGY	16010100	0	.	48	.	.	7
AUTOMOTIVE TECHNOLOGY	16010400	0	.	203	.	.	29
CIVIL TECHNOLOGY	16010600	1,760	2,360	1,849	511	111	38
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	4,020	5,030	7,538	-2,508	194	553
INDUSTRIAL TECHNOLOGY	16011100	0	.	80	.	.	11
INSTRUMENTAL TECHNOLOGY	16011200	3,170	3,800	3,234	566	139	58
MECHANICAL TECHNOLOGY	16011300	160	210	1,149	-939	8	142
COMMERCIAL PILOTS	16060100	1,150	1,420	1,958	-538	50	126
FORESTRY TECHNOLOGY	16060300	0	.	14	.	.	2
BROADCAST TECHNOLOGY	16060800	0	.	18	.	.	3
OTHER, TECHNICAL	16990000	0	.	18	.	.	3
WATER AND WASTE TECHNOLOGY	16990200	120	140	137	3	7	6
AIR CONDITIONING	17010000	2,270	3,040	4,113	-1,073	145	298
APPLIANCE REPAIR	17020000	1,780	2,100	2,041	59	88	79
AUTO BODY & FENDER REPAIR	17030100	2,240	2,690	3,033	-343	107	156
AUTO MECHANICS	17030200	12,840	15,190	13,293	1,897	614	343
AVIATION OCCUPATION	17040000	900	1,100	899	201	40	11
BUSINESS MACHINE MAINTENANCE	17060000	1,190	1,390	1,110	280	48	8
COMMERCIAL ART OCCUPATIONS	17070000	390	470	352	118	26	10
SEAMANSHIP	17080100	7,260	9,580	6,393	3,187	455	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	1,350	1,770	994	776	111	0
COMMERCIAL PHOTOGRAPHY	17090000	1,110	1,340	1,007	333	57	9
BUILDING MAINTENANCE OCCUPATIONS	17099000	5,640	7,210	4,397	2,813	417	15
CONSTRUCTION, OTHER	17100000	2,430	3,000	2,607	393	135	79

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
CARPENTRY	17100100	13,540	15,250	13,121	2,129	707	403
HEAVY EQUIPMENT MAINTENANCE	17100301	10,600	12,790	9,007	3,783	547	6
HEAVY EQUIPMENT OPERATOR	17100302	37,700	45,050	31,526	13,524	1,980	52
MASONRY	17100400	2,160	2,830	2,157	673	148	52
PAINTING AND DECORATING	17100500	5,700	7,330	4,572	2,758	430	36
PLASTERING	17100600	600	800	531	269	53	14
PLUMBING & PIPEFITTING	17100700	11,090	13,670	10,973	2,697	651	265
DRYWALL INSTALLATION	17100800	790	1,040	.	.	46	.
GLAZIERS	17100900	730	950	647	303	48	5
ROOFERS	17101000	990	1,340	815	525	79	4
OTHER CONSTRUCTION & MAINTENANCE	17109900	36,210	43,430	32,758	10,672	1,760	236
CUSTODIAL SERVICE	17110000	50,520	62,250	.	.	3,706	.
DIESEL MECHANICS	17120000	4,120	5,080	4,661	419	229	169
DRAFTING OCCUPATIONS	17130000	5,110	6,480	7,320	-840	271	391
ELECTRICAL OCCUPATIONS	17140000	11,420	14,260	12,024	2,236	636	316
INDUSTRIAL ELECTRONICS	17140100	550	640	661	-21	22	25
MOTOR REPAIR	17140300	460	640	504	136	26	6
COMMUNICATIONS	17150100	4,580	5,220	4,295	925	132	0
INDUSTRIAL ELECTRONICS	17150200	40	50	.	.	1	.
RADIO & TV TECHNICIAN	17150300	760	960	1,180	-220	47	78
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	76	.	.	11
COMPOSITION, MAKEUP AND TYPESETTING	17190100	1,130	1,290	.	.	59	.
PRINTING AND PRESS	17190200	1,300	1,490	1,405	85	49	37
PHOTOENGRAVER, LITHOGRAPHER	17190300	380	440	.	.	14	.
BOOKBINDING	17190600	540	640	.	.	26	.
STRUCTURAL STEEL WORKERS	17203050	1,670	1,990	1,416	574	83	1
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	2,040	2,430	1,808	622	108	19
INSTRUMENTS	17210100	660	900	605	295	51	9
WATCHMAKERS	17210200	50	60	72	-12	1	3
MARITIME OCCUPATIONS	17220000	590	760	908	-148	38	59
MACHINE SHOP	17230200	4,440	5,200	4,799	401	222	164
MACHINE TOOL OPERATION	17230300	2,270	2,640	1,849	791	116	3
SHEET METAL	17230500	2,720	3,510	2,494	1,016	175	30
WELDING & CUTTING	17230600	16,200	19,320	21,852	-2,532	682	1,043
TOOL AND DIEMAKERS	17230700	440	520	363	157	24	2
METALMAKING OCCUPATIONS, OTHER	17239900	80	90	81	9	1	0
BARBERING	17260100	440	500	3,384	-2,884	40	483
OTHER PERSONAL SERVICES	17269900	0	.	25	.	.	4
PLASTIC OCCUPATIONS	17270000	2,150	2,600	2,534	66	110	101
FIREFIGHTING TRAINING	17280100	3,410	4,410	3,146	1,264	191	10
LAW ENFORCEMENT TRAINING	17280200	23,900	30,180	15,118	15,062	2,288	136
OTHER PUBLIC SERVICES	17289900	2,370	2,860	1,770	1,090	175	19
QUANTITY FOOD OCCUPATIONS	17290000	22,250	27,980	17,375	10,605	1,580	65

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
SMALL ENGINE REPAIR	17310000	0	0	254	-254	0	36
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	6,720	8,610	4,950	3,660	523	0
PUMPING PLANTS	17320200	2,990	3,910	.	.	242	.
TAILORS	17330200	1,520	1,730	990	740	133	27
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	9,250	9,880	7,040	2,840	406	0
SHOE REPAIR	17340200	90	110	.	.	11	.
UPHOLSTERING	17350000	470	540	566	-26	23	27
MILLWORK & CABINET MAKING	17360100	1,660	1,760	1,258	502	72	1
OTHER TRADES AND INDUSTRIES	17990000	190	180	205	-25	0	2
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	3,510	4,180	2,928	1,252	186	7
TRUCK DRIVERS	17991900	30,630	35,600	28,870	6,730	1,412	451
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	1	.	.	0
GAGERS	61083620	0	.	2	.	.	0
EXTERMINATORS	61089204	850	1,260	.	.	81	.

3) Difference between demand and supply (Unmet demand) sort in descending order

▪▪▪ NEW ORLEANS ▪▪▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER (SHORTAGE)	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
GENERAL MERCHANDISE	4080000	17,050	19,890	13,722	6,168	13,745	6,145	1,060	179
FOOD SERVICES	4070000	8,040	11,070	6,324	4,746	6,325	4,745	709	31
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	13,660	15,390	10,686	4,704	10,686	4,704	756	84
LAW ENFORCEMENT TRAINING	17280200	7,550	8,740	4,770	3,970	4,770	3,970	606	39
QUANTITY FOOD OCCUPATIONS	17290000	8,290	10,351	6,658	3,693	6,658	3,693	573	46
TRANSPORTATION	4190000	9,650	10,810	7,823	2,987	7,823	2,987	427	0
NURSING ASSISTANT AIDE	7030300	7,180	9,330	6,611	2,719	6,611	2,719	581	193
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	12,590	14,400	11,716	2,684	11,750	2,650	707	323
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	8,280	9,470	6,963	2,507	6,963	2,507	490	132
HEAVY EQUIPMENT OPERATOR	17100302	10,560	11,260	8,879	2,381	8,892	2,368	347	7
TRUCK DRIVERS	17991900	9,260	9,970	7,832	2,138	7,832	2,138	305	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	9,190	9,980	8,299	1,681	8,299	1,681	285	45
RECEPTIONISTS AND INFORMATION CLERKS	14040600	2,190	2,710	1,483	1,227	1,483	1,227	175	0
PRACTICAL NURSING	7030200	3,600	4,700	3,670	1,030	3,724	976	323	524
TYPING AND RELATED OCCUPATIONS	14090000	5,030	5,750	4,867	883	4,867	883	285	159
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	2,260	2,680	1,931	749	1,931	749	109	2
SHIPPING AND RECEIVING CLERKS	14050300	2,750	3,020	2,274	746	2,274	746	107	0
PLUMBING & PIPEFITTING	17100700	3,080	3,470	2,727	743	2,737	733	126	20
CARE & GUIDANCE OF CHILDREN	9020100	1,770	2,010	1,293	717	1,293	717	134	32
AUTO MECHANICS	17030200	4,000	4,420	3,750	670	3,755	665	143	47
HEAVY EQUIPMENT MAINTENANCE	17100301	3,070	3,280	2,664	616	2,664	616	88	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	2,200	2,270	1,682	588	1,682	588	84	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	1,220	1,450	905	545	905	545	78	0
KEYPUNCH OPERATOR	14020201	1,370	1,590	1,048	542	1,048	542	77	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	1,520	1,710	1,177	533	1,177	533	76	0
MEDICAL LABORATORY ASSISTING	7020300	1,040	1,350	830	520	830	520	74	0
ELECTRICAL OCCUPATIONS	17140000	3,600	4,100	3,589	511	3,589	511	140	67
HOTEL & LODGING	4110000	1,190	1,370	875	495	875	495	76	5
PAINTING AND DECORATING	17100500	1,520	1,740	1,260	480	1,260	480	80	12
CARPENTRY	17100100	3,290	3,460	2,985	475	3,105	355	133	65
COMMUNICATIONS	17150100	1,980	2,260	1,847	413	1,847	413	59	0
RECREATION AND TOURISM	4180000	1,360	1,520	1,112	408	1,112	408	68	10
TAILORS	17330200	590	700	310	390	310	390	56	0
MACHINE SHOP	17230200	1,190	1,410	1,051	359	1,051	359	62	11
MEDICAL ASSISTANT	7090400	520	720	373	347	373	347	50	0
MACHINE TOOL OPERATION	17230300	670	880	537	343	537	343	49	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	1,100	1,250	917	333	917	333	48	1
DENTAL ASSISTANT	7010100	560	760	510	250	510	250	51	15
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	640	720	479	241	479	241	34	0
OTHER PUBLIC SERVICES	17289900	750	840	602	238	602	238	46	12
SHEET METAL	17230500	1,020	1,200	977	223	977	223	48	16
INSTRUMENTAL TECHNOLOGY	16011200	910	1,040	818	222	818	222	33	1

* * * NEW ORLEANS * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
COMMERCIAL PHOTOGRAPHY	17090000	480	580	403	177	403	177	25	0
SURGICAL TECHNOLOGY	7030500	330	430	258	172	258	172	26	2
APPLIANCE REPAIR	17020000	580	660	494	166	494	166	24	1
CIVIL TECHNOLOGY	16010600	490	630	480	150	480	150	28	7
FIREFIGHTING TRAINING	17280100	1,060	1,180	1,032	148	1,032	148	31	10
OFFICE, OTHER	14990000	430	480	335	145	335	145	23	2
SEAMANSHIP	17080100	3,470	3,250	3,128	122	3,128	122	18	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	2,110	1,810	1,697	113	1,697	113	16	0
INSTRUMENTS	17210100	230	300	188	112	188	112	16	0
ROOFERS	17101000	420	470	364	106	364	106	18	3
DIESEL MECHANICS	17120000	1,320	1,460	1,356	104	1,356	104	48	33
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	210	280	180	100	180	100	18	4
SHIP & BOAT OPERATION & MAINTENANCE	17080200	670	620	523	97	523	97	14	0
OFFICE MACHINE OPER	14010400	310	350	261	89	261	89	13	0
RADIOLOGIC TECHNOLOGY	7050100	730	960	874	86	880	80	49	37
PRINTING AND PRESS	17190200	340	600	522	78	528	72	46	35
RADIO & TV TECHNICIAN	17150300	310	360	285	75	285	75	14	3
AVIATION OCCUPATION	17040000	440	470	405	65	405	65	9	0
FORESTRY	1070000	170	190	128	62	128	62	9	0
STRUCTURAL STEEL WORKERS	17203050	350	360	301	59	301	59	8	0
BUSINESS MACHINE MAINTENANCE	17060000	440	480	426	54	426	54	8	0
FINANCE AND CREDIT	4040000	310	360	307	53	307	53	15	8
MILLWORK & CABINET MAKING	17360100	200	200	151	49	151	49	7	0
PLASTIC OCCUPATIONS	17270000	150	180	137	43	137	43	6	0
COMMERCIAL ART OCCUPATIONS	17070000	160	190	149	41	149	41	10	4
MASONRY	17100400	460	510	471	39	471	39	14	9
TOOL AND DIEMAKERS	17230700	80	100	66	34	66	34	5	0
MOTOR REPAIR	17140300	120	140	108	32	108	32	6	1
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	340	370	340	30	340	30	4	0
DENTAL LAB TECH	7010300	230	310	283	27	283	27	17	14
GLAZIERS	17100900	170	190	163	27	163	27	7	3
PROGRAMMERS	14020300	670	780	754	26	754	26	24	20
CONSTRUCTION, OTHER	17100000	530	580	556	24	557	23	18	15
INDUSTRIAL ELECTRONICS	17140100	160	180	160	20	160	20	3	0
AUTO BODY & FENDER REPAIR	17030100	650	740	722	18	722	18	25	22
PERIPHERAL EQUIP OPER	14020200	60	70	60	10	60	10	1	0
UPHOLSTERING	17350000	150	160	150	10	150	10	1	0
FARM EQUIPMENT MECHANIC	1030100	60	70	61	9	61	9	1	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
					(SURPLUS)				
OTHER TRADES AND INDUSTRIES	17990000	40	30	52	-22	52	-22	0	2
SMALL ENGINE REPAIR	17310000	0	0	30	-30	30	-30	0	4

▪▪▪ NEW ORLEANS ▪▪▪
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
					(SURPLUS)				
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	240	250	285	-35	285	-35	5	10
PLASTERING	17100600	130	140	177	-37	177	-37	5	11
WATER AND WASTE TECHNOLOGY	16990200	0	0	44	-44	44	-44	0	6
SOIL SCIENCE	1060300	40	50	100	-50	100	-50	1	9
MARITIME OCCUPATIONS	17220000	270	250	342	-92	342	-92	-2	10
INHALATION THERAPY	7090300	120	160	254	-94	258	-98	9	22
COMMERCIAL PILOTS	16060100	530	550	674	-124	674	-124	7	25
WELDING & CUTTING	17230600	4,900	5,860	6,035	-175	6,066	-206	209	234
DRAFTING OCCUPATIONS	17130000	1,640	2,010	2,207	-197	2,216	-206	77	105
COMPUTER & CONSOLE OCCUPATIONS	14020100	760	890	1,105	-215	1,111	-221	28	58
AIR CONDITIONING	17010000	830	940	1,199	-259	1,199	-259	28	65
MECHANICAL TECHNOLOGY	16011300	60	80	520	-440	526	-446	3	66
BARBERING	17260100	160	160	1,005	-845	1,013	-853	10	144
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	1,350	1,550	3,346	-1,796	3,347	-1,797	45	301
REAL ESTATE	4170000	390	440	5,667	-5,227	5,698	-5,258	30	810
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
ORNAMENTAL HORTICULTURE	1050000	0	.	35	.	35	.	.	5
ADVERTISING	4010000	0	.	17	.	17	.	.	2
FLORISTRY	4050000	0	.	445	.	445	.	.	64
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	32	.	32	.	.	5
INSURANCE	4130000	3,810	3,900	.	.	.	.	114	.
PERSONAL SERVICES	4150000	0	.	122	.	122	.	.	17
RETAIL TRADE, OTHER	4200000	0	.	9	.	90	.	.	1
WHOLESALE TRADE OTHER	4310000	1,220	1,410	.	.	.	.	80	.
DISTRIBUTIVE EDUCATION	4990000	0	.	151	.	151	.	.	22
DENTAL HYGIENE	7010200	180	250	.	.	.	.	18	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	10	.	10	.	.	1
OTHER NURSING	7039900	0	.	33	.	33	.	.	5
OCCUPATIONAL THERAPY	7040100	30	40	.	.	.	.	1	.
NUCLEAR TECHNOLOGY	7050300	0	.	6	.	6	.	.	1
OPHTHALMIC DISPENSING	7060100	230	300	.	.	.	.	16	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	155	.	155	.	.	22
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	181	.	181	.	.	26
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
TELLERS	14010500	1,930	2,300	.	.	.	.	107	.
SYSTEMS ANALYST	14020000	560	630	.	.	.	.	16	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	116	.	116	.	.	17
AERONAUTICAL TECHNOLOGY	16010100	0	.	30	.	30	.	.	4
AUTOMOTIVE TECHNOLOGY	16010400	0	.	190	.	196	.	.	27

* * * NEW ORLEANS * * *

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
INDUSTRIAL TECHNOLOGY	16011100	0	.	3	.	3	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	18	.	18	.	.	3
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	200	220	.	.	.	.	3	.
CUSTODIAL SERVICE	17110000	19,180	22,330	.	.	.	.	1,197	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	390	400	.	.	.	.	13	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	180	200	.	.	.	.	5	.
BOOKBINDING	17190600	290	350	.	.	.	.	15	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PUMPING PLANTS	17320200	900	930	.	.	.	.	34	.
SHOE REPAIR	17340200	40	40	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	1	.	1	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	430	540	.	.	.	.	26	.

••• BATON ROUGE •••

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	• LMA • ANNUAL AVERAGE TOTAL OPENINGS	• LMA • ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	6,110	7,570	5,897	1,673	5,949	1,621	243	4
HEAVY EQUIPMENT OPERATOR	17100302	3,870	4,760	3,791	969	3,791	969	141	3
TRANSPORTATION	4190000	3,410	4,220	3,316	904	3,316	904	129	0
TRUCK DRIVERS	17991900	3,480	4,220	3,398	822	3,398	822	117	0
QUANTITY FOOD OCCUPATIONS	17290000	2,900	3,540	2,829	711	2,876	664	105	3
FOOD SERVICES	4070000	2,330	2,950	2,256	694	2,314	636	99	0
LAW ENFORCEMENT TRAINING	17280200	3,750	4,350	3,707	643	3,714	636	115	23
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	3,050	3,800	3,177	623	3,335	465	125	36
NURSING ASSISTANT AIDE	7030300	2,550	3,160	2,588	572	3,187	-27	101	19
TYPING AND RELATED OCCUPATIONS	14090000	2,320	2,760	2,240	520	2,609	151	75	1
OTHER CONSTRUCTION & MAINTENANCE	17109900	4,390	5,170	4,691	479	4,770	400	125	56
HEAVY EQUIPMENT MAINTENANCE	17100301	1,380	1,700	1,350	350	1,350	350	50	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	1,030	1,300	995	305	995	305	44	0
AUTO MECHANICS	17030200	1,680	2,000	1,717	283	2,006	-6	51	10
SHIPPING AND RECEIVING CLERKS	14050300	820	1,030	798	232	798	232	33	0
PAINTING AND DECORATING	17100500	1,030	1,300	1,081	219	1,102	198	44	12
CIVIL TECHNOLOGY	16010600	410	600	404	196	404	196	28	0
KEYPUNCH OPERATOR	14020201	600	750	579	171	579	171	24	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	730	940	772	168	772	168	35	11
COMMUNICATIONS	17150100	600	750	595	155	595	155	22	0
DIESEL MECHANICS	17120000	430	580	438	142	472	108	23	3
MASONRY	17100400	510	680	544	136	569	111	26	7
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	520	640	506	134	506	134	19	0
CARE & GUIDANCE OF CHILDREN	9020100	490	640	512	128	512	128	26	7
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	300	420	300	120	300	120	17	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	380	470	365	105	365	105	15	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	540	620	522	98	522	98	14	0
RECREATION AND TOURISM	4180000	400	480	385	95	385	95	14	0
SHEET METAL	17230500	360	460	368	92	370	90	15	2
DENTAL ASSISTANT	7010100	240	320	231	89	231	89	13	0
SEAMANSHIP	17080100	310	390	305	85	305	85	12	0
AUTO BODY & FENDER REPAIR	17030100	320	400	317	83	416	-16	12	0
STRUCTURAL STEEL WORKERS	17203050	330	400	323	77	323	77	11	0
BUSINESS MACHINE MAINTENANCE	17060000	110	180	110	70	110	70	10	0
HOTEL & LODGING	4110000	190	250	182	68	182	68	10	0
MEDICAL ASSISTANT	7090400	180	240	173	67	173	67	10	0
OTHER PUBLIC SERVICES	17289900	470	520	454	66	456	64	9	0
ROOFERS	17101000	150	210	145	65	145	65	9	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	280	330	270	60	270	60	9	0
MEDICAL LABORATORY ASSISTING	7020300	240	300	247	53	251	49	10	2
RADIOLOGIC TECHNOLOGY	7050100	170	220	167	53	174	46	8	0
MACHINE TOOL OPERATION	17230300	120	170	117	53	117	53	8	0

* * * BATON ROUGE * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
PLASTERING	17100600	160	210	158	52	158	52	8	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	440	480	429	51	429	51	7	0
FIREFIGHTING TRAINING	17280100	350	390	345	45	345	45	6	0
FORESTRY	1070000	270	300	260	40	260	40	6	0
UPHOLSTERING	17350000	30	70	30	40	73	-3	6	0
TAILORS	17330200	180	220	181	39	218	2	7	2
PRINTING AND PRESS	17190200	190	220	186	34	186	34	5	0
OFFICE MACHINE OPER	14010400	140	170	137	33	137	33	5	0
INSTRUMENTS	17210100	100	130	97	33	110	20	5	0
FINANCE AND CREDIT	4040000	110	150	118	32	128	22	6	1
GLAZIERS	17100900	100	130	98	32	98	32	5	0
AVIATION OCCUPATION	17040000	0	30	0	30	0	30	4	0
COMMERCIAL PHOTOGRAPHY	17090000	140	170	140	30	140	30	4	0
MILLWORK & CABINET MAKING	17360100	120	140	116	24	116	24	3	0
SURGICAL TECHNOLOGY	7030500	80	100	77	23	77	23	3	0
DENTAL LAB TECH	7010300	30	50	30	20	30	20	3	0
OFFICE, OTHER	14990000	160	180	160	20	165	15	3	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	60	80	61	19	61	19	3	0
MOTOR REPAIR	17140300	50	70	51	19	67	3	3	0
FARM EQUIPMENT MECHANIC	1030100	0	30	14	16	18	12	4	2
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	50	60	50	10	50	10	1	0
INHALATION THERAPY	7090300	30	40	30	10	97	-57	1	0
MARITIME OCCUPATIONS	17220000	50	60	50	10	50	10	1	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	30	30	30	0	30	0	0	0
SOIL SCIENCE	1060300	0	0	0	0	17	-17	0	0
WATER AND WASTE TECHNOLOGY	16990200	60	60	60	0	60	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MACHINE SHOP	17230200	580	670	670	0	738	-68	15	15
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
SMALL ENGINE REPAIR	17310000	0	0	0	0	18	-18	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
					(SURPLUS)				
COMPUTER & CONSOLE OCCUPATIONS	14020100	300	370	382	-12	415	-45	11	12
COMMERCIAL ART OCCUPATIONS	17070000	60	80	96	-16	96	-16	3	5
MECHANICAL TECHNOLOGY	16011300	0	0	18	-18	18	-18	0	3
COMMERCIAL PILOTS	16060100	40	50	68	-18	68	-18	1	4
RADIO & TV TECHNICIAN	17150300	100	130	167	-37	235	-105	5	10
ELECTRICAL OCCUPATIONS	17140000	1,930	2,420	2,465	-45	2,556	-136	75	82
PROGRAMMERS	14020300	350	420	471	-51	642	-222	11	18
APPLIANCE REPAIR	17020000	220	270	322	-52	448	-178	8	15
CONSTRUCTION, OTHER	17100000	620	780	851	-71	907	-127	25	35
PERIPHERAL EQUIP OPER	14020200	30	30	103	-73	103	-73	0	0

* * * BATON ROUGE * * *
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SURPLUS)				
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	5,040	6,220	6,297	-77	6,487	-267	195	206
CARPENTRY	17100100	2,570	2,980	3,076	-96	3,435	-455	71	85
AIR CONDITIONING	17010000	340	450	591	-141	874	-424	16	37
INDUSTRIAL ELECTRONICS	17140100	0	0	174	-174	174	-174	0	25
INSTRUMENTAL TECHNOLOGY	16011200	520	580	823	-243	853	-273	10	44
DRAFTING OCCUPATIONS	17130000	830	1,150	1,406	-256	1,493	-343	48	84
BARBERING	17260100	60	60	384	-324	586	-526	1	55
PRACTICAL NURSING	7030200	1,040	1,320	1,701	-381	2,682	-1,362	47	243
WELDING & CUTTING	17230600	1,680	2,070	2,545	-475	3,248	-1,178	59	127
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	5,080	6,250	6,750	-500	7,470	-1,220	196	267
PLASTIC OCCUPATIONS	17270000	570	650	1,199	-549	1,238	-588	13	92
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	490	660	1,288	-628	1,343	-683	25	115
PLUMBING & PIPEFITTING	17100700	2,020	2,415	3,043	-628	3,202	-787	64	153
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	900	1,060	2,326	-1,266	2,326	-1,266	26	206
REAL ESTATE	4170000	100	130	2,531	-2,401	3,016	-2,886	5	362
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	1,120	1,430	.	.	.	.	49	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	380	530	.	.	.	.	24	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	59	.	.	0
DENTAL HYGIENE	7010200	80	110	.	.	.	.	5	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	49	.	.	0
OCCUPATIONAL THERAPY	7040100	0	30	.	.	.	.	4	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	100	130	.	.	.	.	5	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	28	.	77	.	.	4
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	30	.	101	.	.	4
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	7	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
TELLERS	14010500	910	1,150	.	.	.	.	38	.
SYSTEMS ANALYST	14020000	280	330	.	.	.	.	8	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	1	.	.	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0

• • • BATON ROUGE • • •

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
INDUSTRIAL TECHNOLOGY	16011100	0	.	32	.	32	.	.	5
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	200	270	.	.	.	.	10	.
CUSTODIAL SERVICE	17110000	6,990	8,570	.	.	.	.	266	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	180	210	.	.	.	.	5	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	60	70	.	.	.	.	1	.
BOOKBINDING	17190600	60	70	.	.	.	.	1	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PUMPING PLANTS	17320200	110	120	.	.	.	.	1	.
SHOE REPAIR	17340200	30	30	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	170	230	.	.	.	.	9	.

*** LAFAYETTE ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
OTHER CONSTRUCTION & MAINTENANCE	17109900	2,410	3,730	2,130	1,600	2,140	1,590	230	1
LAW ENFORCEMENT TRAINING	17280200	1,650	2,490	1,035	1,455	1,078	1,412	229	21
HEAVY EQUIPMENT OPERATOR	17100302	1,890	2,970	1,538	1,432	1,564	1,406	205	1
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,660	2,470	1,208	1,262	2,165	305	188	7
GENERAL MERCHANDISE	4080000	2,240	2,970	1,746	1,224	1,771	1,199	196	21
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,600	2,470	1,416	1,054	1,646	824	191	41
TRUCK DRIVERS	17991900	1,410	2,180	1,144	1,036	1,318	862	148	0
FOOD SERVICES	4070000	1,070	1,750	790	960	790	960	137	0
QUANTITY FOOD OCCUPATIONS	17290000	900	1,390	669	721	684	706	103	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	1,040	1,540	829	711	939	601	118	17
TRANSPORTATION	4190000	1,040	1,460	858	602	858	602	86	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	530	860	383	477	383	477	68	0
WELDING & CUTTING	17230600	710	1,100	757	343	2,543	-1,443	68	19
HEAVY EQUIPMENT MAINTENANCE	17100301	430	690	353	337	398	292	48	0
TYPING AND RELATED OCCUPATIONS	14090000	570	840	504	336	665	175	63	15
RECEPTIONISTS AND INFORMATION CLERKS	14040600	310	480	198	282	217	263	40	0
AUTO MECHANICS	17030200	620	840	562	278	1,026	-186	45	6
INFORMATION COMMUNICATION OCCUPATIONS	14040000	480	700	424	276	521	179	39	0
CARPENTRY	17100100	630	750	493	257	864	-114	39	2
SHIPPING AND RECEIVING CLERKS	14050300	370	540	293	247	293	247	35	0
CARE & GUIDANCE OF CHILDREN	9020100	210	350	105	245	105	245	35	0
DRAFTING OCCUPATIONS	17130000	390	680	444	236	833	-153	48	15
SEAMANSHIP	17080100	300	460	258	202	258	202	29	0
ELECTRICAL OCCUPATIONS	17140000	420	580	378	202	631	-51	32	3
CIVIL TECHNOLOGY	16010600	130	290	116	174	281	9	25	0
DIESEL MECHANICS	17120000	250	410	252	158	675	-265	30	7
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	230	360	209	151	501	-141	22	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	220	310	164	146	164	146	21	0
PAINTING AND DECORATING	17100500	220	310	166	144	183	127	21	0
RECREATION AND TOURISM	4180000	190	270	134	136	134	136	19	0
FIREFIGHTING TRAINING	17280100	260	370	234	136	234	136	20	0
PLUMBING & PIPEFITTING	17100700	270	360	236	124	327	33	21	3
KEYPUNCH OPERATOR	14020201	160	240	118	122	347	-107	17	0
NURSING ASSISTANT AIDE	7030300	850	1,220	1,104	116	1,407	-187	87	70
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	220	300	185	115	264	36	16	0
INSTRUMENTAL TECHNOLOGY	16011200	130	220	109	111	111	109	16	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	160	270	160	110	160	110	16	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	130	190	102	88	103	87	13	0
COMMERCIAL PILOTS	16060100	120	190	113	77	204	-14	11	0
OFFICE, OTHER	14990000	50	110	36	74	36	74	11	0
DENTAL ASSISTANT	7010100	90	130	62	68	62	68	10	0
PROGRAMMERS	14020300	90	150	83	67	91	59	10	0

*** LAFAYETTE ***

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
COMPUTER & CONSOLE OCCUPATIONS	14020100	100	160	94	66	94	66	10	0
TAILORS	17330200	70	100	35	65	35	65	9	0
MASONRY	17100400	140	180	119	61	164	16	9	0
MACHINE TOOL OPERATION	17230300	0	60	0	60	0	60	9	0
AVIATION OCCUPATION	17040000	80	130	74	56	74	56	8	0
COMMUNICATIONS	17150100	220	260	206	54	207	53	8	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	60	100	46	54	46	54	8	0
MEDICAL ASSISTANT	7090400	70	100	49	51	49	51	7	0
CONSTRUCTION, OTHER	17100000	130	160	109	51	174	-14	7	0
SHEET METAL	17230500	90	130	79	51	81	49	8	0
PRINTING AND PRESS	17190200	60	100	53	47	53	47	7	0
RADIOLOGIC TECHNOLOGY	7050100	80	110	66	44	74	36	6	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	70	100	56	44	56	44	6	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	50	80	36	44	36	44	6	0
COMMERCIAL PHOTOGRAPHY	17090000	60	100	60	40	60	40	6	0
MACHINE SHOP	17230200	110	170	130	40	460	-290	9	3
OTHER PUBLIC SERVICES	17289900	60	100	60	40	61	39	6	0
HOTEL & LODGING	4110000	60	70	39	31	39	31	4	0
FINANCE AND CREDIT	4040000	0	30	0	30	0	30	4	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	30	0	30	0	30	4	0
COMMERCIAL ART OCCUPATIONS	17070000	0	30	0	30	0	30	4	0
MOTOR REPAIR	17140300	0	30	0	30	0	30	4	0
MARITIME OCCUPATIONS	17220000	0	30	0	30	0	30	4	0
PLASTERING	17100600	0	30	6	24	6	24	4	1
DENTAL LAB TECH	7010300	60	80	60	20	60	20	3	0
GLAZIERS	17100900	40	60	40	20	40	20	3	0
ROOFERS	17101000	40	60	40	20	40	20	3	0
INSTRUMENTS	17210100	40	60	40	20	41	19	3	0
AUTO BODY & FENDER REPAIR	17030100	110	130	119	11	333	-203	5	3
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	50	60	50	10	50	10	1	0
SURGICAL TECHNOLOGY	7030500	30	50	40	10	42	8	3	1
OFFICE MACHINE OPER	14010400	40	50	40	10	40	10	1	0
BUSINESS MACHINE MAINTENANCE	17060000	60	70	60	10	75	-5	1	0
STRUCTURAL STEEL WORKERS	17203050	70	80	70	10	70	10	1	0
RADIO & TV TECHNICIAN	17150300	30	40	31	9	181	-141	1	0
APPLIANCE REPAIR	17020000	100	130	128	2	175	-45	6	6
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
SOIL SCIENCE	1060300	0	0	0	0	19	-19	0	0
FORESTRY	1070000	0	0	0	0	0	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0

▪▪▪ LAFAYETTE ▪▪▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
PLASTIC OCCUPATIONS	17270000	0	0	0	0	5	-5	0	0
UPHOLSTERING	17350000	0	0	0	0	63	-63	0	0
MILLWORK & CABINET MAKING	17360100	30	30	30	0	30	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	1	-1	0	0
					(SURPLUS)				
MECHANICAL TECHNOLOGY	16011300	0	0	1	-1	7	-7	0	0
MEDICAL LABORATORY ASSISTING	7020300	120	170	193	-23	193	-23	9	12
AIR CONDITIONING	17010000	80	100	167	-67	438	-338	4	13
BARBERING	17260100	0	30	101	-71	314	-284	4	14
INHALATION THERAPY	7090300	0	0	73	-73	73	-73	0	10
PRACTICAL NURSING	7030200	410	600	817	-217	2,739	-2,139	47	117
REAL ESTATE	4170000	0	40	869	-829	1,418	-1,378	6	124
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	210	310	.	.	.	.	21	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	180	290	.	.	.	.	25	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL HYGIENE	7010200	30	40	.	.	.	.	1	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	40	60	.	.	.	.	3	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	62	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	62	.	.	0
TELLERS	14010500	220	400	.	.	.	.	34	.
SYSTEMS ANALYST	14020000	80	120	.	.	.	.	7	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	15	.	.	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	6	.	23	.	.	1
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0

▪ ▪ ▪ LAFAYETTE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	18	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	30	70	.	.	.	.	6	.
CUSTODIAL SERVICE	17110000	1,770	2,500	.	.	.	.	181	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	40	60	.	.	.	.	3	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	30	.	.	.	.	4	.
BOOKBINDING	17190600	30	50	.	.	.	.	3	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	12	.	.	0
PUMPING PLANTS	17320200	340	570	.	.	.	.	45	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	1	.	1	.	.	0
EXTERMINATORS	61089204	30	50	.	.	.	.	3	.

*** LAKE CHARLES ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	1,720	2,040	1,258	782	1,259	781	113	1
HEAVY EQUIPMENT OPERATOR	17100302	1,480	1,950	1,224	726	1,254	696	106	2
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,400	1,700	1,196	504	1,350	350	95	23
TRANSPORTATION	4190000	1,120	1,380	910	470	910	470	67	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,350	1,630	1,175	455	1,199	431	93	28
OTHER CONSTRUCTION & MAINTENANCE	17109900	1,590	1,870	1,444	426	1,455	415	69	8
QUANTITY FOOD OCCUPATIONS	17290000	900	1,120	718	402	718	402	57	0
TRUCK DRIVERS	17991900	1,160	1,370	971	399	971	399	57	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	880	1,050	701	349	801	249	59	9
LAW ENFORCEMENT TRAINING	17280200	890	1,140	894	246	911	229	36	1
HEAVY EQUIPMENT MAINTENANCE	17100301	520	680	436	244	436	244	35	0
FOOD SERVICES	4070000	880	1,090	880	210	880	210	30	0
PLUMBING & PIPEFITTING	17100700	740	910	738	172	753	157	42	18
TYPING AND RELATED OCCUPATIONS	14090000	480	580	410	170	477	103	32	8
RECEPTIONISTS AND INFORMATION CLERKS	14040600	240	320	156	164	156	164	23	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	420	470	329	141	329	141	20	0
PAINTING AND DECORATING	17100500	420	470	330	140	347	123	20	0
PLASTIC OCCUPATIONS	17270000	310	380	263	117	264	116	17	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	270	310	193	117	193	117	17	0
ELECTRICAL OCCUPATIONS	17140000	570	670	561	109	603	67	25	10
INSTRUMENTAL TECHNOLOGY	16011200	290	360	256	104	256	104	15	0
AUTO MECHANICS	17030200	540	610	512	98	574	36	21	7
NURSING ASSISTANT AIDE	7030300	990	1,330	1,247	83	1,309	21	49	37
SHIPPING AND RECEIVING CLERKS	14050300	250	290	215	75	216	74	11	0
DENTAL ASSISTANT	7010100	100	140	72	68	72	68	10	0
KEYPUNCH OPERATOR	14020201	130	160	102	58	102	58	8	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	110	140	82	58	158	-18	8	0
MEDICAL LABORATORY ASSISTING	7020300	100	140	86	54	86	54	8	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	90	130	76	54	76	54	8	0
DIESEL MECHANICS	17120000	140	170	121	49	122	48	7	0
COMMUNICATIONS	17150100	180	220	174	46	174	46	7	0
OFFICE, OTHER	14990000	30	70	30	40	30	40	6	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	130	150	110	40	115	35	6	0
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	200	230	193	37	193	37	8	3
MACHINE SHOP	17230200	330	410	374	36	485	-75	20	15
RADIOLOGIC TECHNOLOGY	7050100	80	100	66	34	66	34	5	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	30	0	30	0	30	4	0
FIREFIGHTING TRAINING	17280100	150	180	150	30	150	30	4	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	40	60	40	20	40	20	3	0
RECREATION AND TOURISM	4180000	130	150	130	20	130	20	3	0
DENTAL LAB TECH	7010300	30	50	30	20	30	20	3	0
SURGICAL TECHNOLOGY	7030500	30	50	30	20	30	20	3	0

*** LAKE CHARLES ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
MEDICAL ASSISTANT	7090400	70	90	70	20	70	20	3	0
CIVIL TECHNOLOGY	16010600	50	70	50	20	50	20	3	0
MOTOR REPAIR	17140300	0	30	12	18	17	13	4	2
DRAFTING OCCUPATIONS	17130000	190	230	215	15	227	3	9	7
OTHER PUBLIC SERVICES	17289900	50	50	36	14	36	14	2	0
HOTEL & LODGING	4110000	60	70	60	10	60	10	1	0
CARE & GUIDANCE OF CHILDREN	9020100	80	90	80	10	80	10	1	0
APPLIANCE REPAIR	17020000	70	80	70	10	71	9	1	0
PLASTERING	17100600	30	40	30	10	30	10	1	0
GLAZIERS	17100900	40	50	40	10	40	10	1	0
PRINTING AND PRESS	17190200	30	40	30	10	30	10	1	0
STRUCTURAL STEEL WORKERS	17203050	80	90	80	10	80	10	1	0
SHEET METAL	17230500	70	80	73	7	73	7	1	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
FORESTRY	1070000	0	0	0	0	41	-41	0	0
INHALATION THERAPY	7090300	0	0	0	0	0	0	0	0
OFFICE MACHINE OPER	14010400	30	30	30	0	30	0	0	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	60	60	60	0	60	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
WATER AND WASTE TECHNOLOGY	16990200	30	30	30	0	30	0	0	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	0	0	0	0	0	0	0	0
ROOFERS	17101000	30	30	30	0	30	0	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE TOOL OPERATION	17230300	0	0	0	0	0	0	0	0
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
TAILORS	17330200	40	40	40	0	180	-140	0	0
UPHOLSTERING	17350000	0	0	0	0	0	0	0	0
MILLWORK & CABINET MAKING	17360100	0	0	0	0	0	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
					(SURPLUS)				
CARPENTRY	17100100	600	590	592	-2	682	-92	18	18
FINANCE AND CREDIT	4040000	30	40	45	-5	45	-5	1	2
COMPUTER & CONSOLE OCCUPATIONS	14020100	60	80	90	-10	97	-17	3	4
SEAMANSHIP	17030100	130	120	130	-10	130	-10	0	0
SOIL SCIENCE	1060300	0	0	12	-12	12	-12	0	2
MECHANICAL TECHNOLOGY	16011300	0	0	12	-12	12	-12	0	2
INSTRUMENTS	17210100	40	50	81	-31	86	-36	1	6

*** LAKE CHARLES ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
					(SURPLUS)				
PROGRAMMERS	14020300	60	80	114	-34	144	-64	3	8
AIR CONDITIONING	17010000	80	90	128	-38	129	-39	1	7
AUTO BODY & FENDER REPAIR	17030100	100	100	140	-40	140	-40	0	6
MASONRY	17100400	90	90	130	-40	137	-47	0	6
CONSTRUCTION, OTHER	17100000	160	160	201	-41	204	-44	0	6
WELDING & CUTTING	17230600	570	720	765	-45	1,022	-302	29	36
COMMERCIAL PILOTS	16060100	0	0	49	-49	49	-49	0	7
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	250	290	340	-50	340	-50	12	19
RADIO & TV TECHNICIAN	17150300	30	40	95	-55	96	-56	1	9
AVIATION OCCUPATION	17040000	0	0	69	-69	69	-69	0	10
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	110	140	389	-249	389	-249	4	40
BARBERING	17260100	30	30	317	-287	380	-350	0	45
PRACTICAL NURSING	7030200	440	590	971	-381	1,207	-617	42	139
REAL ESTATE	4170000	0	0	532	-532	694	-694	0	76
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	180	220	.	.	.	.	12	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	110	130	.	.	.	.	8	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL HYGIENE	7010200	30	50	.	.	.	.	3	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	40	50	.	.	.	.	1	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	0	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
TELLERS	14010500	330	510	.	.	.	.	37	.
SYSTEMS ANALYST	14020000	60	80	.	.	.	.	3	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	0	.	.	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0

*** LAKE CHARLES ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
FORESTRY TECHNOLOGY	16060300	0	.	0	.	11	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	60	70	.	.	.	.	1	.
CUSTODIAL SERVICE	17110000	1,850	2,320	.	.	.	.	142	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	50	60	.	.	.	.	1	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	4	.	47	.	.	1
PUMPING PLANTS	17320200	30	30	.	.	.	.	0	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	0	30	.	.	.	.	4	.

* * * ALEXANDRIA * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER (SHORTAGE)	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
GENERAL MERCHANDISE	4080000	1,730	2,030	1,283	747	1,323	707	110	3
NURSING ASSISTANT AIDE	7030300	1,730	2,160	1,619	541	1,880	280	126	49
QUANTITY FOOD OCCUPATIONS	17290000	800	1,080	611	469	611	469	67	0
FOOD SERVICES	4070000	550	830	410	420	410	420	60	0
LAW ENFORCEMENT TRAINING	17280200	1,040	1,130	716	414	725	405	62	3
TRANSPORTATION	4190000	1,010	1,130	849	281	849	281	40	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,270	1,470	1,190	280	1,265	205	75	35
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	830	920	655	265	734	186	44	6
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	490	620	365	255	365	255	37	0
TYPING AND RELATED OCCUPATIONS	14090000	680	750	512	238	576	174	34	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	890	1,000	794	206	795	205	30	0
TRUCK DRIVERS	17991900	1,050	1,070	889	181	889	181	26	0
HEAVY EQUIPMENT OPERATOR	17100302	870	940	769	171	769	171	28	4
CARE & GUIDANCE OF CHILDREN	9020100	180	230	103	127	105	125	18	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	230	280	160	120	160	120	17	0
CARPENTRY	17100100	420	450	355	95	536	-86	18	5
INFORMATION COMMUNICATION OCCUPATIONS	14040000	330	380	302	78	302	78	11	0
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	220	240	185	55	190	50	8	0
MEDICAL LABORATORY ASSISTING	7020300	130	170	116	54	116	54	8	0
KEYPUNCH OPERATOR	14020201	130	150	102	48	102	48	7	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	130	150	102	48	102	48	7	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	150	160	115	45	115	45	6	0
PAINTING AND DECORATING	17100500	150	160	116	44	116	44	6	0
HEAVY EQUIPMENT MAINTENANCE	17100301	220	240	199	41	199	41	6	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,500	1,660	1,620	40	1,726	-66	79	73
SHIPPING AND RECEIVING CLERKS	14050300	310	320	282	38	282	38	5	0
OTHER PUBLIC SERVICES	17289900	180	180	145	35	151	29	5	0
RADIOLOGIC TECHNOLOGY	7050100	100	130	98	32	98	32	6	2
TAILORS	17330200	50	60	29	31	29	31	4	0
INSTRUMENTS	17210100	0	30	0	30	1	29	4	0
UPHOLSTERING	17350000	0	30	0	30	11	19	4	0
RECREATION AND TOURISM	4180000	140	160	140	20	140	20	3	0
COMMUNICATIONS	17150100	180	200	180	20	180	20	3	0
HOTEL & LODGING	4110000	50	60	50	10	50	10	1	0
DENTAL ASSISTANT	7010100	60	70	60	10	60	10	1	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	30	40	30	10	30	10	1	0
MEDICAL ASSISTANT	7090400	60	70	60	10	60	10	1	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	80	90	80	10	80	10	1	0
COMPUTER & CONSOLE OCCUPATIONS	14020100	80	90	80	10	80	10	1	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	100	110	100	10	105	5	1	0
INSTRUMENTAL TECHNOLOGY	16011200	100	110	100	10	100	10	1	0
FIREFIGHTING TRAINING	17280100	180	190	180	10	180	10	1	0

*** ALEXANDRIA ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
PROGRAMMERS	14020300	80	90	81	9	81	9	1	0
SURGICAL TECHNOLOGY	7030500	50	60	52	8	52	8	1	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	110	120	117	3	121	-1	1	1
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	0	0	0	0	0	0	0
FORESTRY	1070000	60	60	60	0	60	0	0	0
FINANCE AND CREDIT	4040000	0	0	0	0	0	0	0	0
INHALATION THERAPY	7090300	0	0	0	0	3	-3	0	0
OFFICE MACHINE OPER	14010400	30	30	30	0	30	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
CIVIL TECHNOLOGY	16010600	40	40	40	0	47	-7	0	0
COMMERCIAL PILOTS	16060100	0	0	0	0	0	0	0	0
AVIATION OCCUPATION	17040000	30	30	30	0	30	0	0	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	30	30	30	0	31	-1	0	0
PLASTERING	17100600	0	0	0	0	0	0	0	0
ROOFERS	17101000	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	0	0	0	0	0	0	0
PRINTING AND PRESS	17190200	40	40	40	0	42	-2	0	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	0	0	0	0	0	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE TOOL OPERATION	17230300	80	80	80	0	80	0	0	0
SHEET METAL	17230500	50	60	60	0	61	-1	1	1
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
PLASTIC OCCUPATIONS	17270000	0	0	0	0	7	-7	0	0
					(SURPLUS)				
FARM EQUIPMENT MECHANIC	1030100	0	0	1	-1	1	-1	0	0
DENTAL LAB TECH	7010300	0	0	1	-1	1	-1	0	0
PLUMBING & PIPEFITTING	17100700	200	220	221	-1	222	-2	8	8
GLAZIERS	17100900	30	30	31	-1	31	-1	0	0
STRUCTURAL STEEL WORKERS	17203050	30	30	31	-1	31	-1	0	0
MILLWORK & CABINET MAKING	17360100	80	80	81	-1	81	-1	0	0
CONSTRUCTION, OTHER	17100000	60	60	66	-6	89	-29	0	1
MECHANICAL TECHNOLOGY	16011300	0	0	7	-7	12	-12	0	1
SOIL SCIENCE	1060300	0	0	15	-15	21	-21	0	2
MACHINE SHOP	17230200	70	80	102	-22	103	-23	1	5
AUTO MECHANICS	17030200	450	470	497	-27	578	-108	12	16
OFFICE, OTHER	14990000	30	40	69	-29	69	-29	1	6
AUTO BODY & FENDER REPAIR	17030100	60	60	89	-29	162	-102	0	4

ALEXANDRIA

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
					(SURPLUS)				
WELDING & CUTTING	17230600	240	270	309	-39	572	-302	7	13
DIESEL MECHANICS	17120000	90	90	138	-48	183	-93	0	7
AIR CONDITIONING	17010000	80	90	139	-49	219	-129	1	8
APPLIANCE REPAIR	17020000	70	80	130	-50	133	-53	1	9
ELECTRICAL OCCUPATIONS	17140000	240	260	315	-55	323	-63	7	15
MASONRY	17100400	50	50	117	-67	118	-68	0	10
RADIO & TV TECHNICIAN	17150300	0	30	97	-67	98	-68	4	14
PRACTICAL NURSING	7030200	650	830	924	-94	1,212	-382	56	132
DRAFTING OCCUPATIONS	17130000	110	120	214	-94	222	-102	1	15
BARBERING	17260100	0	0	114	-114	180	-180	0	16
REAL ESTATE	4170000	0	0	293	-293	443	-443	0	42
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	490	540	.	.	.	.	20	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	100	100	.	.	.	.	0	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL HYGIENE	7010200	0	0	.	.	.	.	0	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	13	.	13	.	.	2
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	0	30	.	.	.	.	4	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	30	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
TELLERS	14010500	240	280	.	.	.	.	13	.
SYSTEMS ANALYST	14020000	60	60	.	.	.	.	0	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	6	.	.	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0

ALEXANDRIA

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
SEAMANSHIP	17080100	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	0	0	.	.	.	.	0	.
CUSTODIAL SERVICE	17110000	2,040	2,420	.	.	.	.	134	.
INDUSTRIAL ELECTRONICS	17150200	0	.	.	.	.	.	.	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	40	40	.	.	.	.	0	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	60	.	.	0
PUMPING PLANTS	17320200	30	30	.	.	.	.	0	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
OTHER TRADES AND INDUSTRIES	17990000	0	.	0	.	0	.	.	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	40	50	.	.	.	.	1	.

••• SHREVEPORT •••

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	5,000	5,770	3,864	1,906	3,984	1,786	301	29
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	3,790	4,480	3,002	1,478	3,370	1,110	244	32
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	3,400	4,080	2,780	1,300	3,094	986	221	35
LAW ENFORCEMENT TRAINING	17280200	2,090	2,610	1,374	1,236	1,438	1,172	188	12
FOOD SERVICES	4070000	1,740	2,370	1,353	1,017	1,353	1,017	148	3
TRANSPORTATION	4190000	2,860	3,330	2,349	981	2,349	981	140	0
QUANTITY FOOD OCCUPATIONS	17290000	1,970	2,500	1,560	940	1,560	940	141	6
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	2,330	2,740	1,839	901	2,297	443	151	22
NURSING ASSISTANT AIDE	7030300	2,100	2,670	1,827	843	2,221	449	160	40
HEAVY EQUIPMENT OPERATOR	17100302	3,380	3,570	2,853	717	2,874	696	106	4
OTHER CONSTRUCTION & MAINTENANCE	17109900	3,030	3,500	2,811	689	3,367	133	119	21
TYPING AND RELATED OCCUPATIONS	14090000	1,280	1,510	959	551	1,109	401	80	1
WELDING & CUTTING	17230600	1,730	2,340	1,894	446	2,254	86	113	49
MACHINE TOOL OPERATION	17230300	710	900	564	336	574	326	49	1
RECEPTIONISTS AND INFORMATION CLERKS	14040600	570	710	388	322	388	322	46	0
CARPENTRY	17100100	1,160	1,360	1,069	291	1,120	240	70	28
SHIPPING AND RECEIVING CLERKS	14050300	850	960	703	257	703	257	37	0
CARE & GUIDANCE OF CHILDREN	9020100	390	490	234	256	235	255	38	2
HEAVY EQUIPMENT MAINTENANCE	17100301	770	900	658	242	658	242	35	0
PLUMBING & PIPEFITTING	17100700	800	970	755	215	755	215	43	13
RECREATION AND TOURISM	4180000	300	430	236	194	236	194	31	3
PAINTING AND DECORATING	17100500	520	590	420	170	420	170	27	3
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	410	480	320	160	320	160	23	0
KEYPUNCH OPERATOR	14020201	400	460	309	151	309	151	22	0
FINANCE AND CREDIT	4040000	80	100	-46	146	-46	146	21	0
FIREFIGHTING TRAINING	17280100	330	440	295	145	295	145	21	0
PLASTIC OCCUPATIONS	17270000	460	530	397	133	397	133	19	0
COMMERCIAL PHOTOGRAPHY	17090000	250	340	215	125	215	125	18	0
TOOL AND DIEMAKERS	17230700	270	340	219	121	228	112	18	1
INFORMATION COMMUNICATION OCCUPATIONS	14040000	260	310	190	120	190	120	17	0
ELECTRICAL OCCUPATIONS	17140000	850	1,030	925	105	1,095	-65	43	28
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	240	300	198	102	198	102	15	0
MACHINE SHOP	17230200	570	700	604	96	611	89	33	19
DENTAL ASSISTANT	7010100	160	210	118	92	118	92	13	0
TAILORS	17330200	160	190	100	90	100	90	13	0
SHEET METAL	17230500	320	400	311	89	311	89	18	6
COMMUNICATIONS	17150100	500	560	472	88	472	88	13	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	910	920	834	86	834	86	12	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	270	320	235	85	235	85	14	2
HOTEL & LODGING	4110000	140	180	98	82	98	82	12	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	520	590	509	81	509	81	27	15
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	180	210	131	79	131	79	11	0

*** SHREVEPORT ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
OTHER PUBLIC SERVICES	17289900	230	260	181	79	187	73	11	0
MEDICAL ASSISTANT	7090400	140	190	116	74	116	74	12	2
RADIOLOGIC TECHNOLOGY	7050100	150	190	122	68	122	68	10	0
DRAFTING OCCUPATIONS	17130000	440	550	486	64	747	-197	22	13
COMPUTER & CONSOLE OCCUPATIONS	14020100	230	270	209	61	210	60	9	0
DIESEL MECHANICS	17120000	400	460	401	59	406	54	18	9
AUTO MECHANICS	17030200	1,320	1,520	1,462	58	1,592	-72	57	48
MEDICAL LABORATORY ASSISTING	7020300	240	310	259	51	259	51	17	10
MILLWORK & CABINET MAKING	17360100	150	160	109	51	109	51	7	0
OFFICE, OTHER	14990000	130	170	123	47	124	46	8	1
CONSTRUCTION, OTHER	17100000	190	210	169	41	169	41	7	1
STRUCTURAL STEEL WORKERS	17203050	130	150	109	41	109	41	6	0
ROOFERS	17101000	120	140	105	35	105	35	6	1
SURGICAL TECHNOLOGY	7030500	60	80	48	32	48	32	5	0
MASONRY	17100400	170	200	168	32	172	28	7	3
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	50	80	50	30	50	30	4	0
INHALATION THERAPY	7090300	0	30	0	30	0	30	4	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	410	510	480	30	524	-14	19	15
BUSINESS MACHINE MAINTENANCE	17060000	110	140	111	29	117	23	4	0
INSTRUMENTAL TECHNOLOGY	16011200	230	260	234	26	246	14	7	4
DENTAL LAB TECH	7010300	90	110	86	24	86	24	5	1
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	40	60	40	20	40	20	3	0
OFFICE MACHINE OPER	14010400	70	90	70	20	90	0	3	0
INSTRUMENTS	17210100	60	80	61	19	61	19	3	0
RADIO & TV TECHNICIAN	17150300	70	90	72	18	98	-8	3	0
CIVIL TECHNOLOGY	16010600	100	140	127	13	134	6	6	4
AVIATION OCCUPATION	17040000	70	80	70	10	70	10	1	0
COMMERCIAL ART OCCUPATIONS	17070000	50	60	50	10	50	10	1	0
MOTOR REPAIR	17140300	40	50	41	9	41	9	1	0
GLAZIERS	17100900	110	130	122	8	122	8	3	2
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
FORESTRY	1070000	60	60	60	0	79	-19	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
WATER AND WASTE TECHNOLOGY	16990200	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	80	80	80	0	80	0	0	0
WATCHMAKERS	17210200	0	0	0	0	22	-22	0	0
					(SURPLUS)				
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	1	-1	1	-1	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	1	-1	2	-2	0	0
PRINTING AND PRESS	17190200	160	160	166	-6	166	-6	0	1
PLASTERING	17100600	30	30	37	-7	42	-12	0	1

••• SHREVEPORT •••

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER (SURPLUS)	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	• LMA • ANNUAL AVERAGE TOTAL OPENINGS	• LMA • ANNUAL AVERAGE TRAINED MANPOWER
APPLIANCE REPAIR	17020000	190	220	230	-10	242	-22	8	10
SOIL SCIENCE	1060300	0	0	13	-13	49	-49	0	2
AUTO BODY & FENDER REPAIR	17030100	260	320	339	-19	339	-19	13	15
PROGRAMMERS	14020300	220	250	283	-33	283	-33	6	11
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	500	590	629	-39	649	-59	24	29
MECHANICAL TECHNOLOGY	16011300	30	30	102	-72	188	-158	0	10
AIR CONDITIONING	17010000	240	270	353	-83	437	-167	7	19
UPHOLSTERING	17350000	30	40	189	-149	100	-60	1	23
BARBERING	17260100	70	80	425	-345	502	-422	6	61
COMMERCIAL PILOTS	16060100	80	90	606	-516	606	-516	1	75
PRACTICAL NURSING	7030200	870	1,130	1,857	-727	2,391	-1,261	77	265
REAL ESTATE	4170000	50	50	1,313	-1,263	1,625	-1,575	0	188
TRUCK DRIVERS	17991900	3,340	3,910	5,687	-1,777	5,922	-2,012	81	335
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	269	.	269	.	.	38
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	730	770	.	.	.	.	25	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	390	430	.	.	.	.	22	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL HYGIENE	7010200	50	70	.	.	.	.	3	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	60	80	.	.	.	.	3	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	203	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	40	.	49	.	.	6
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
TELLERS	14010500	610	800	.	.	.	.	27	.
SYSTEMS ANALYST	14020000	160	190	.	.	.	.	6	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	10	.	10	.	.	1
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	19	.	19	.	.	3
FORESTRY TECHNOLOGY	16060300	0	.	3	.	3	.	.	0

* * * SHREVEPORT * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1977 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	80	90	.	.	.	.	1	.
CUSTODIAL SERVICE	17110000	4,460	5,360	.	.	.	.	306	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	76	.	76	.	.	1
COMPOSITION, MAKEUP AND TYPESETTING	17190100	150	160	.	.	.	.	6	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	50	50	.	.	.	.	0	.
BOOKBINDING	17190600	80	80	.	.	.	.	0	.
MARITIME OCCUPATIONS	17220000	0	.	0	.	0	.	.	0
OTHER PERSONAL SERVICES	17269900	0	.	25	.	25	.	.	4
SMALL ENGINE REPAIR	17310000	0	.	34	.	55	.	.	5
PUMPING PLANTS	17320200	220	250	.	.	.	.	4	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	50	60	.	.	.	.	1	.

••• MONROE •••

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER (SHORTAGE)	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	• L M A • ANNUAL AVERAGE TRAINED MANPOWER
GENERAL MERCHANDISE	4080000	1,930	2,150	1,427	723	1,445	705	103	0
NURSING ASSISTANT AIDE	7030300	780	960	577	383	886	74	55	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,390	1,540	1,161	379	1,271	269	72	18
FOOD SERVICES	4070000	600	830	453	377	453	377	54	0
QUANTITY FOOD OCCUPATIONS	17290000	720	880	573	307	573	307	44	0
LAW ENFORCEMENT TRAINING	17280200	670	720	471	249	544	176	39	4
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	830	930	707	223	823	107	46	14
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,180	1,290	1,127	163	1,246	44	57	33
HEAVY EQUIPMENT OPERATOR	17100302	1,080	1,130	993	137	1,015	115	29	10
TRANSPORTATION	4190000	920	990	861	129	861	129	33	15
RECEPTIONISTS AND INFORMATION CLERKS	14040600	200	240	137	103	137	103	15	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	290	340	262	78	262	78	11	0
TYPING AND RELATED OCCUPATIONS	14090000	500	530	456	74	542	-12	22	12
OTHER CONSTRUCTION & MAINTENANCE	17109900	1,070	1,100	1,028	72	1,070	30	13	3
BUILDING MAINTENANCE OCCUPATIONS	17099000	230	250	181	69	181	69	10	0
PAINTING AND DECORATING	17100500	230	250	184	66	184	66	10	0
AUTO MECHANICS	17030200	480	520	457	63	490	30	16	7
HEAVY EQUIPMENT MAINTENANCE	17100301	290	320	262	58	262	58	8	0
KEYPUNCH OPERATOR	14020201	140	160	105	55	105	55	8	0
PLUMBING & PIPEFITTING	17100700	340	360	308	52	350	10	10	2
WELDING & CUTTING	17230600	340	370	323	47	369	1	8	2
SHIPPING AND RECEIVING CLERKS	14050300	330	340	295	45	295	45	6	0
DENTAL ASSISTANT	7010100	70	90	49	41	49	41	6	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	160	180	139	41	139	41	6	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	110	120	82	38	82	38	5	0
TAILORS	17330200	50	60	22	38	22	38	5	0
COMMUNICATIONS	17150100	160	190	153	37	153	37	5	0
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	180	190	156	34	156	34	5	1
CARE & GUIDANCE OF CHILDREN	9020100	130	120	88	32	88	32	5	0
MEDICAL LABORATORY ASSISTING	7020300	80	100	80	20	80	20	3	0
RADIOLOGIC TECHNOLOGY	7050100	60	80	60	20	60	20	3	0
MEDICAL ASSISTANT	7090400	50	70	50	20	50	20	3	0
OFFICE, OTHER	14990000	0	30	17	13	16	14	4	2
RADIO & TV TECHNICIAN	17150300	0	30	17	13	42	-12	4	2
RECREATION AND TOURISM	4180000	100	110	100	10	100	10	1	0
COMPUTER & CONSOLE OCCUPATIONS	14020100	80	90	80	10	80	10	1	0
PROGRAMMERS	14020300	80	90	80	10	80	10	1	0
CIVIL TECHNOLOGY	16010600	50	60	50	10	62	-2	1	0
ROOFERS	17101000	40	50	40	10	41	9	1	0
FIREFIGHTING TRAINING	17280100	110	120	110	10	110	10	1	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	140	150	140	10	142	8	1	0
INSTRUMENTAL TECHNOLOGY	16011200	60	70	61	9	72	-2	1	0

* * * MONROE * * *

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
					(SHORTAGE)				
APPLIANCE REPAIR	17020000	70	80	71	9	143	-63	1	0
DIESEL MECHANICS	17120000	130	140	131	9	190	-50	1	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	0	0	0	0	0	0	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	122	-122	0	0
FINANCE AND CREDIT	4040000	30	30	30	0	30	0	0	0
HOTEL & LODGING	4110000	40	40	40	0	40	0	0	0
DENTAL LAB TECH	7010300	0	0	0	0	0	0	0	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	0	0	0	0	0	0	0
INHALATION THERAPY	7090300	0	0	0	0	0	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
CONSTRUCTION, OTHER	17100000	60	60	60	0	60	0	0	0
PLASTERING	17100600	0	0	0	0	3	-3	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	0	0	0	0	0	0	0
PRINTING AND PRESS	17190200	90	90	90	0	90	0	0	0
STRUCTURAL STEEL WORKERS	17203050	50	50	50	0	51	-1	0	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	60	60	60	0	60	0	0	0
INSTRUMENTS	17210100	0	0	0	0	2	-2	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE TOOL OPERATION	17230300	0	0	0	0	0	0	0	0
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
PLASTIC OCCUPATIONS	17270000	50	50	50	0	56	-6	0	0
UPHOLSTERING	17350000	50	50	50	0	50	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
					(SURPLUS)				
AVIATION OCCUPATION	17040000	0	0	1	-1	6	-6	0	0
GLAZIERS	17100900	0	0	1	-1	1	-1	0	0
CARPENTRY	17100100	480	470	472	-2	506	-36	14	14
SHEET METAL	17230500	100	110	112	-2	117	-7	1	2
MILLWORK & CABINET MAKING	17360100	0	0	2	-2	2	-2	0	0
SURGICAL TECHNOLOGY	7030500	30	40	49	-9	64	-24	1	3
MECHANICAL TECHNOLOGY	16011300	0	0	12	-12	35	-35	0	2
MACHINE SHOP	17230200	120	130	142	-12	148	-18	1	3
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	110	120	133	-13	185	-65	1	3
SOIL SCIENCE	1060300	0	0	15	-15	28	-28	0	2
COMMERCIAL PILOTS	16060100	0	0	15	-15	15	-15	0	2
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	30	30	49	-19	49	-19	0	3
ELECTRICAL OCCUPATIONS	17140000	450	490	513	-23	541	-51	14	17

*** MONROE ***

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER (SURPLUS)	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
OTHER PUBLIC SERVICES	17289900	50	50	74	-24	87	-37	0	3
FORESTRY	1070000	30	1	30	-29	30	-29	-3	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	30	-30	30	-30	0	4
MASONRY	17100400	40	40	84	-44	84	-44	0	6
AUTO BODY & FENDER REPAIR	17030100	70	100	147	-47	157	-57	4	11
DRAFTING OCCUPATIONS	17130000	90	150	197	-47	255	-105	5	12
COMMERCIAL PHOTOGRAPHY	17090000	0	0	59	-59	64	-64	0	8
OFFICE MACHINE OPER	14010400	30	30	104	-74	104	-74	0	11
AIR CONDITIONING	17010000	80	80	164	-84	345	-265	0	12
BARBERING	17260100	0	0	124	-124	224	-224	0	18
TRUCK DRIVERS	17991900	970	1,020	1,221	-201	1,221	-201	28	57
PRACTICAL NURSING	7030200	350	430	796	-366	1,772	-1,342	27	114
REAL ESTATE	4170000	0	30	462	-432	742	-712	4	66
AGRICULTURAL CHEMICALS	1020100	0	.	.	.	.	.	.	.
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	420	470	.	.	.	.	19	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	140	160	.	.	.	.	9	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
DENTAL HYGIENE	7010200	0	30	.	.	.	.	4	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	10	.	.	0
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	0	0	.	.	.	.	0	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	0	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
TELLERS	14010500	280	370	.	.	.	.	21	.
SYSTEMS ANALYST	14020000	40	50	.	.	.	.	1	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	0	.	.	0
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0

• • • MONROE • • •

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	• L M A • ANNUAL AVERAGE TOTAL OPENINGS	• L M A • ANNUAL AVERAGE TRAINED MANPOWER
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	0	0	.	.	.	.	0	.
CUSTODIAL SERVICE	17110000	1,730	1,940	.	.	.	.	96	.
INDUSTRIAL ELECTRONICS	17150200	0	.	.	.	.	.	.	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
COMPOSITION, MAKEUP AND TYPESETTING	17190100	70	70	.	.	.	.	0	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	32	.	.	0
PUMPING PLANTS	17320200	0	0	.	.	.	.	0	.
SHOE REPAIR	17340200	0	.	.	.	.	.	.	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083520	0	.	0	.	1	.	.	0
EXTERMINATORS	61089204	30	40	.	.	.	.	1	.

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)		
GENERAL MERCHANDISE	4080000	46,830	53,380	36,521	16,859	2,710	301
LAW ENFORCEMENT TRAINING	17280200	23,900	30,180	15,118	15,062	2,288	136
HEAVY EQUIPMENT OPERATOR	17100302	37,700	45,050	31,526	13,524	1,984	52
FOOD SERVICES	4070000	19,860	26,520	15,564	10,956	1,620	55
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	36,930	44,580	33,702	10,878	2,448	894
TRANSPORTATION	4190000	28,600	33,780	23,081	10,699	1,543	15
OTHER CONSTRUCTION & MAINTENANCE	17109900	36,210	43,430	33,758	10,672	1,760	236
QUANTITY FOOD OCCUPATIONS	17290000	22,250	27,980	17,375	10,605	1,580	65
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	34,030	40,800	30,316	10,484	2,441	943
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	23,500	28,120	19,771	8,349	1,589	396
TRUCK DRIVERS	17991200	30,630	35,600	28,870	6,730	1,412	451
NURSING ASSISTANT AIDE	7030300	21,940	27,950	21,274	6,676	1,687	733
TYPING AND RELATED OCCUPATIONS	14090000	14,290	17,320	12,967	4,353	966	344
HEAVY EQUIPMENT MAINTENANCE	17100301	10,600	12,790	9,007	3,783	547	6
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	6,720	8,610	4,950	3,660	523	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	5,870	7,350	4,065	3,285	483	14
SEAMANSHIP	17080100	7,260	9,580	6,393	3,187	455	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	9,250	9,880	7,040	2,840	606	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	5,640	7,210	4,397	2,813	417	15
PAINTING AND DECORATING	17100500	5,700	7,330	4,572	2,758	430	36
PLUMBING & PIPEFITTING	17100700	11,090	13,670	10,973	2,697	651	265
SHIPPING AND RECEIVING CLERKS	14050300	7,980	9,160	6,560	2,600	372	0
ELECTRICAL OCCUPATIONS	17140000	11,420	14,260	12,024	2,236	636	316
CARPENTRY	17100100	13,540	15,250	13,121	2,129	707	403
AUTO MECHANICS	17030200	12,840	15,190	13,293	1,897	614	343
CARE & GUIDANCE OF CHILDREN	9020100	4,410	4,800	3,018	1,782	300	45
RECREATION AND TOURISM	4180000	3,590	4,330	2,781	1,549	234	12
KEYPUNCH OPERATOR	14020201	3,770	4,600	3,096	1,504	248	33
INFORMATION COMMUNICATION OCCUPATIONS	14040000	2,970	3,690	2,351	1,339	218	27
FIREFIGHTING TRAINING	17280100	3,410	4,410	3,146	1,264	191	10
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	3,510	4,180	2,928	1,252	186	7
OTHER PUBLIC SERVICES	17289900	2,370	2,860	1,770	1,090	175	19
SHEET METAL	17230500	2,720	3,510	2,494	1,016	175	30
MEDICAL LABORATORY ASSISTING	7020300	2,450	3,120	2,140	980	165	25
HOTEL & LODGING	4110000	1,670	2,150	1,187	963	143	5
COMMUNICATIONS	17150100	4,580	5,220	4,295	925	132	0
DENTAL ASSISTANT	7010100	1,650	2,170	1,313	857	137	15
MEDICAL ASSISTANT	7090400	1,360	1,800	1,007	793	115	2
MACHINE TOOL OPERATION	17230300	2,270	2,640	1,849	791	116	3
SHIP & BOAT OPERATION & MAINTENANCE	17080200	1,350	1,770	994	776	111	0
TAILORS	17330200	1,520	1,730	990	740	133	27
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	1,740	2,030	1,325	705	103	3
MASONRY	17100400	2,160	2,830	2,157	673	148	52

* * * STATE SUMMARY * * *

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)		
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	2,040	2,430	1,808	622	108	19
STRUCTURAL STEEL WORKERS	17203050	1,670	1,990	1,416	574	83	1
INSTRUMENTAL TECHNOLOGY	16011200	3,170	3,800	3,234	566	139	58
ROOFERS	17101000	990	1,340	815	525	79	4
CIVIL TECHNOLOGY	16010600	1,760	2,360	1,849	511	11[illegible]	38
MILLWORK & CABINET MAKING	17360100	1,660	1,760	1,258	502	72	1
OFFICE, OTHER	14990000	1,060	1,350	862	488	94	25
RADIOLOGIC TECHNOLOGY	7050100	1,730	2,190	1,761	429	104	42
DIESEL MECHANICS	17120000	4,120	5,080	4,661	419	229	169
MACHINE SHOP	17230200	4,440	5,200	4,799	401	222	164
CONSTRUCTION, OTHER	17100000	2,430	3,000	2,607	393	135	79
SURGICAL TECHNOLOGY	7030500	780	980	639	341	58	9
COMMERCIAL PHOTOGRAPHY	17090000	1,110	1,340	1,007	333	57	9
FORESTRY	1070000	800	960	636	324	55	9
FINANCE AND CREDIT	4040000	820	1,040	723	317	58	13
GLAZIERS	17100900	730	950	647	303	48	5
INSTRUMENTS	17210100	660	900	605	295	51	9
BUSINESS MACHINE MAINTENANCE	17060000	1,190	1,390	1,110	280	48	8
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	6,550	7,650	7,381	269	298	260
PLASTERING	17100600	600	800	531	269	53	14
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	500	630	400	230	37	4
OFFICE MACHINE OPER	14010400	800	960	754	206	43	13
AVIATION OCCUPATION	17040000	900	1,100	899	201	40	11
DENTAL LAB TECH	7010300	560	740	561	179	41	15
PROGRAMMERS	14020300	2,070	2,830	2,654	176	133	107
TOOL AND DIEMAKERS	17230700	440	520	363	157	24	2
MOTOR REPAIR	17140300	460	640	504	136	26	6
COMMERCIAL ART OCCUPATIONS	17070000	390	470	352	118	26	10
PRINTING AND PRESS	17190200	1,300	1,490	1,405	85	49	37
COMPUTER & CONSOLE OCCUPATIONS	14020100	2,110	2,580	2,513	67	92	83
PLASTIC OCCUPATIONS	17270000	2,150	2,600	2,534	66	110	101
APPLIANCE REPAIR	17020000	1,780	2,100	2,041	59	88	79
METALMAKING OCCUPATIONS, OTHER	17239900	80	90	81	9	1	0
WATER AND WASTE TECHNOLOGY	16990200	120	140	137	3	7	6
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	510	520	520	0	10	10
					(SURPLUS)		
PERIPHERAL EQUIP OPER	14020200	180	230	239	-9	9	10
WATCHMAKERS	17210200	50	60	72	-12	1	3
INDUSTRIAL ELECTRONICS	17140100	550	640	661	-21	22	25
OTHER TRADES AND INDUSTRIES	17990000	190	180	205	-25	0	2
UPHOLSTERING	17350000	470	540	566	-26	23	27
FARM EQUIPMENT MECHANIC	1030100	170	220	277	-57	12	20
MARITIME OCCUPATIONS	17220000	590	760	908	-148	38	59
INHALATION THERAPY	7090300	280	360	534	-174	19	44

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
					(SURPLUS)		
RADIO & TV TECHNICIAN	17150300	760	960	1,180	-220	47	78
SOIL SCIENCE	1060300	140	160	402	-242	6	40
SMALL ENGINE REPAIR	17310000	0	0	254	-254	0	36
AUTO BODY & FENDER REPAIR	17030100	2,240	2,690	3,033	-343	107	156
COMMERCIAL PILOTS	16060100	1,150	1,420	1,958	-538	50	126
DRAFTING OCCUPATIONS	17130000	5,110	6,480	7,320	-840	271	391
MECHANICAL TECHNOLOGY	16011300	160	210	1,149	-939	8	142
AIR CONDITIONING	17010000	2,270	3,040	4,113	-1,073	145	298
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	4,020	5,030	7,538	-2,508	194	553
WELDING & CUTTING	17230600	16,200	19,320	21,852	-2,532	682	1,043
BARBERING	17260100	440	500	3,384	-2,884	40	483
PRACTICAL NURSING	7030200	9,640	12,280	16,271	-3,991	816	2,324
REAL ESTATE	4170000	850	1,130	14,213	-13,083	96	2,030
AGRICULTURAL CHEMICALS	1020100	30	40	.	.	1	.
ORNAMENTAL HORTICULTURE	1050000	0	.	35	.	.	5
ADVERTISING	4010000	0	.	17	.	.	2
FLORISTRY	4050000	0	.	445	.	.	64
FOOD DISTRIBUTION	4060000	0	.	269	.	.	38
INDUSTRIAL MARKETING	4120000	0	.	32	.	.	5
INSURANCE	4130000	7,080	8,220	.	.	365	.
PERSONAL SERVICES	4150000	0	.	122	.	.	17
RETAIL TRADE, OTHER	4200000	0	.	90	.	.	13
WHOLESALE TRADE OTHER	4310000	3,500	4,240	.	.	262	.
DISTRIBUTIVE EDUCATION	4990000	0	.	210	.	.	30
DENTAL HYGIENE	7010200	550	730	.	.	51	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	10	.	.	1
OTHER NURSING	7039900	0	.	105	.	.	15
OCCUPATIONAL THERAPY	7040100	120	150	.	.	7	.
NUCLEAR TECHNOLOGY	7050300	0	.	6	.	.	.
OPHTHALMIC DISPENSING	7060100	660	870	.	.	47	.
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	527	.	.	75
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	331	.	.	47
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	7	.	.	1
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	62	.	.	9
TELLERS	14010500	6,230	8,130	.	.	455	.
SYSTEMS ANALYST	14020000	1,680	2,050	.	.	72	.
OTHER BUSINESS DATA PROCESSING	14029900	0	.	148	.	.	21
AERONAUTICAL TECHNOLOGY	16010100	0	.	48	.	.	7
AUTOMOTIVE TECHNOLOGY	16010400	0	.	203	.	.	29
INDUSTRIAL TECHNOLOGY	16011100	0	.	80	.	.	11
FORESTRY TECHNOLOGY	16060300	0	.	14	.	.	2
BROADCAST TECHNOLOGY	16060800	0	.	18	.	.	3

* * * STATE SUMMARY * * *

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
OTHER, TECHNICAL	16990000	0	.	19	.	.	3
DRYWALL INSTALLATION	17100800	790	1,040	.	.	46	.
CUSTODIAL SERVICE	17110000	50,520	62,250	.	.	3,706	.
INDUSTRIAL ELECTRONICS	17150200	40	50	.	.	1	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	76	.	.	11
COMPOSITION, MAKEUP AND TYPESETTING	17190100	1,130	1,290	.	.	59	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	380	440	.	.	14	.
BOOKBINDING	17190600	540	640	.	.	26	.
OTHER PERSONAL SERVICES	17269900	0	.	25	.	.	4
PUMPING PLANTS	17320200	2,990	3,910	.	.	242	.
SHOE REPAIR	17340200	90	110	.	.	11	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	1	.	.	0
GAGERS	61083620	0	.	2	.	.	0
EXTERMINATORS	61089204	850	1,260	.	.	81	.

4) Summary of unmet demand by state and LMA

• • • SUMMARY OF THE UNMET DEMAND BY STATE & LABOR MARKET AREAS • • •

TITLE	USOE CODE	STATE	NEW ORLEANS	BATON ROUGE	LAFAY-ETTE	LAKE CHARLES	ALEX-ANDRIA	SHREVE-PORT	MONROE
GENERAL MERCHANDISE	4080000	16,859	6,168	1,673	1,224	782	747	1,906	723
LAW ENFORCEMENT TRAINING	17280200	15,062	3,970	643	1,455	246	214	1,236	249
HEAVY EQUIPMENT OPERATOR	17100302	13,524	2,381	969	1,432	726	171	717	137
FOOD SERVICES	4070000	10,956	4,746	694	960	210	420	1,017	377
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	10,878	2,684	-77	1,054	504	280	1,300	163
TRANSPORTATION	4190000	10,699	2,987	904	602	470	281	981	129
OTHER CONSTRUCTION & MAINTENANCE	17109900	10,672	1,681	479	1,600	426	206	669	72
QUANTITY FOOD OCCUPATIONS	17290000	10,605	3,693	711	721	402	469	940	307
FILING, OFFICE MACHINES, CLERICAL OCCUPATIO	14030000	10,484	4,704	-500	1,262	455	40	1,478	379
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	8,349	2,507	623	711	349	265	901	223
TRUCK DRIVERS	17991900	6,730	2,138	822	1,036	399	181	-1,777	-201
NURSING ASSISTANT AIDE	7030300	6,676	2,719	572	116	83	541	843	383
TYPING AND RELATED OCCUPATIONS	14090000	4,353	883	520	336	170	238	551	74
HEAVY EQUIPMENT MAINTENANCE	17100301	3,783	616	350	337	244	41	242	58
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	3,660	588	98	477	117	48	160	38
RECEPTIONISTS AND INFORMATION CLERKS	14040600	3,285	1,227	168	282	164	120	322	103
SEAMANSHIP	17000100	3,187	122	85	202	-10	.	0	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	2,840	113	120	110	54	255	86	41
BUILDING MAINTENANCE OCCUPATIONS	17099000	2,813	533	305	146	141	45	81	69
PAINTING AND DECORATING	17100500	2,758	480	219	144	140	44	170	66
PLUMBING & PIPEFITTING	17100700	2,697	743	-628	124	172	-1	215	52
SHIPPING AND RECEIVING CLERKS	14050300	2,600	746	232	247	75	38	257	45
ELECTRICAL OCCUPATIONS	17140000	2,236	511	-45	202	109	-55	105	-23
CARPENTRY	17100100	2,129	475	-96	257	-2	95	291	-2
AUTO MECHANICS	17030200	1,897	670	283	278	98	-27	58	63
CARE & GUIDANCE OF CHILDREN	9020100	1,782	717	128	245	10	127	256	32
RECREATION AND TOURISM	4180000	1,549	408	95	136	20	20	194	10
KEYPUNCH OPERATOR	14020201	1,504	542	171	122	58	48	131	55
INFORMATION COMMUNICATION OCCUPATIONS	14040000	1,339	545	105	276	58	78	120	78
FIREFIGHTING TRAINING	17280100	1,264	148	45	136	30	10	145	10
REPAIR AND MAINTENANCE, GASOLINE POWERED EQ	17991800	1,252	333	134	88	40	3	85	10
OTHER PUBLIC SERVICES	17289900	1,090	238	66	40	14	35	79	-24
SHEET METAL	17230500	1,016	223	92	51	7	0	89	-2
MEDICAL LABORATORY ASSISTING	7020300	980	520	53	-23	54	54	51	20
HOTEL & LODGING	4110000	963	495	68	31	10	10	82	0
COMMUNICATIONS	17150100	925	413	155	54	46	20	88	37
DENTAL ASSISTANT	7010100	857	250	89	68	68	10	92	41
MEDICAL ASSISTANT	7090400	793	347	67	51	20	10	74	20
MACHINE TOOL OPERATION	17230300	791	343	53	60	0	0	336	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	776	97	19	44	0	0	0	0
TAILORS	17330200	740	390	39	65	0	31	90	38
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHER	14019900	705	241	60	44	0	10	79	-19
MASONRY	17100400	673	39	136	61	-40	-67	32	-44
INSTRUMENT MAINTENANCE & REPAIR OCCUPATIONS	17210000	622	30	51	54	-50	0	102	0
STRUCTURAL STEEL WORKERS	17203050	574	59	77	10	10	-1	41	0
INSTRUMENTAL TECHNOLOGY	16011200	566	222	-243	111	104	10	26	9
ROOFERS	17101000	525	106	65	20	0	0	35	10
CIVIL TECHNOLOGY	16010600	511	150	196	74	20	0	13	10
MILLWORK & CABINET MAKING	17360100	502	49	24	0	0	-1	51	-2
OFFICE, OTHER	14990000	488	145	20	74	40	-29	47	13
RADIOLOGIC TECHNOLOGY	7050100	429	86	53	44	34	32	68	20
DIESEL MECHANICS	17120000	419	104	142	158	49	-48	59	9

* * * SUMMARY OF THE UNMET DEMAND BY STATE & LABOR MARKET AREAS * * *

TITLE	USOE CODE	STATE	NEW ORLEANS	BATON ROUGE	LAFAY-ETTE	LAKE CHARLES	ALEX-ANDRIA	SHREVE-PORT	MONROE
MACHINE SHOP	17230200	401	359	0	40	36	-22	96	-12
CONSTRUCTION, OTHER	17100000	393	24	-71	51	-41	-6	41	0
SURGICAL TECHNOLOGY	7030500	341	172	23	10	20	8	32	-9
COMMERCIAL PHOTOGRAPHY	17090000	333	177	30	40	0	0	125	-59
FORESTRY	1070000	324	62	40	0	0	0	0	-29
FINANCE AND CREDIT	4040000	317	53	32	30	-5	0	146	0
GLAZIERS	17100900	303	27	32	20	10	-1	8	-1
INSTRUMENTS	17210100	295	112	33	20	-31	30	19	0
BUSINESS MACHINE MAINTENANCE	17060000	280	54	70	10	0	0	29	-30
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	269	749	-1,266	115	37	55	-39	34
PLASTERING	17100600	269	-37	52	24	10	0	-7	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	230	100	10	30	30	10	20	0
OFFICE MACHINE OPER	14010400	206	89	33	10	0	0	20	-74
AVIATION OCCUPATION	17040000	201	65	30	56	-69	0	10	-1
DENTAL LAB TECH	7010300	179	27	20	20	20	-1	24	0
PROGRAMMERS	14020300	176	26	-51	67	-34	9	-33	10
TOOL AND DIEMAKERS	17230700	157	34	0	0	0	0	121	0
MOTOR REPAIR	17140300	136	32	19	30	18	0	9	0
COMMERCIAL ART OCCUPATIONS	17070000	118	41	-16	30	0	0	10	0
PRINTING AND PRESS	17190200	85	78	34	47	10	0	-6	0
COMPUTER & CONSOLE OCCUPATIONS	14020100	67	-215	-12	66	-10	10	61	10
PLASTIC OCCUPATIONS	17270000	66	43	-549	0	117	0	133	0
APPLIANCE REPAIR	17020000	59	166	-52	2	10	-50	-10	9
METALMAKING OCCUPATIONS, OTHER	17239900	9	0	0	0	0	0	-1	0
WATER AND WASTE TECHNOLOGY	16990200	3	-44	0	.	0	.	0	.
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	-35	0	10	20	0	30	0
PERIPHERAL EQUIP OPER	14020200	-9	10	-73	0	0	0	0	0
WATCHMAKERS	17210200	-12	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	-21	20	-174	0	0	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	-25	-22	0	0	0	.	-1	0
UPHOLSTERING	17350000	-26	10	40	0	0	30	-149	0
FARM EQUIPMENT MECHANIC	1030100	-57	9	16	0	0	-1	0	0
MARITIME OCCUPATIONS	17220000	-148	-92	10	30	0	0	.	0
INHALATION THERAPY	7090300	-174	-94	10	-73	0	0	30	0
RADIO & TV TECHNICIAN	17150300	-220	75	-37	9	-55	-67	18	13
SOIL SCIENCE	1060300	-242	-50	0	0	-12	-15	-13	-15
SMALL ENGINE REPAIR	17310000	-254	-30	0	.	.	.	.	.
AUTO BODY & FENDER REPAIR	17030100	-343	18	83	11	-40	-29	-19	-47
COMMERCIAL PILOTS	16060100	-538	-124	-18	77	-49	0	-516	-15
DRAFTING OCCUPATIONS	17130000	-840	-197	-256	236	15	-94	64	-47
MECHANICAL TECHNOLOGY	16011300	-939	-440	-18	-1	-12	-7	-72	-12
AIR CONDITIONING	17010000	-1,073	-259	-141	-67	-38	-49	-83	-84
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	-2,508	-1,796	-628	151	-249	10	30	-13
WELDING & CUTTING	17230600	-2,532	-175	-475	343	-45	-39	446	47
BARBERING	17260100	-2,884	-845	-324	-71	-287	-114	-345	-124
PRACTICAL NURSING	7030200	-3,991	1,030	-381	-217	-381	-94	-727	-366
REAL ESTATE	4170000	-13,083	-5,227	-2,401	-829	-532	-293	-1,263	-432
AGRICULTURAL CHEMICALS	1020100	.	.	.	.	.	.	.	.
ORNAMENTAL HORTICULTURE	1050000	.	.	.	.	.	.	.	.
ADVERTISING	4010000	.	.	.	.	.	.	.	.
FLORISTRY	4050000	.	.	.	.	.	.	.	.
FOOD DISTRIBUTION	4060000	.	.	.	.	.	.	.	.

192

▪ ▪ ▪ SUMMARY OF THE UNMET DEMAND BY STATE & LABOR MARKET AREAS ▪ ▪ ▪

TITLE	USOE CODE	STATE	NEW ORLEANS	BATON ROUGE	LAFAY-ETTE	LAKE CHARLES	ALEX-ANDRIA	SHREVE-PORT	MONROE
INDUSTRIAL MARKETING	4120000	.	.	.	.	.	.	.	.
INSURANCE	4130000	.	.	.	.	.	.	.	.
PERSONAL SERVICES	4150000	.	.	.	.	.	.	.	.
RETAIL TRADE, OTHER	4200000	.	.	.	.	.	.	.	.
WHOLESALE TRADE OTHER	4310000	.	.	.	.	.	.	.	.
DISTRIBUTIVE EDUCATION	4990000	.	.	.	.	.	.	.	.
DENTAL HYGIENE	7010200	.	.	.	.	.	.	.	.
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	.	.	.	.	.	.	.	.
OTHER NURSING	7039900	.	.	.	.	.	.	.	.
OCCUPATIONAL THERAPY	7040100	.	.	.	.	.	.	.	.
NUCLEAR TECHNOLOGY	7050300	.	.	.	.	.	.	.	.
OPHTHALMIC DISPENSING	7060100	.	.	.	.	.	.	.	.
MEDICAL EMERGENCY TECHNICIAN	7090700	.	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	.	.	.	.	.	.	.	.
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	.	.	.	.	.	.	.	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	.	.	.	.	.	.	.	.
HOME ECONOMICS OCCUPATION, OTHER	9029900	.	.	.	.	.	.	.	.
TELLERS	14010500	.	.	.	.	.	.	.	.
SYSTEMS ANALYST	14020000	.	.	.	.	.	.	.	.
OTHER BUSINESS DATA PROCESSING	14029900	.	.	.	.	.	.	.	.
AERONAUTICAL TECHNOLOGY	16010100	.	.	.	.	.	.	.	.
AUTOMOTIVE TECHNOLOGY	16010400	.	.	.	.	.	.	.	.
INDUSTRIAL TECHNOLOGY	16011100	.	.	.	.	.	.	.	.
FORESTRY TECHNOLOGY	16060300	.	.	.	.	.	.	.	.
BROADCAST TECHNOLOGY	16060800	.	.	.	.	.	.	.	.
OTHER, TECHNICAL	16990000	.	.	.	.	.	.	.	.
DRYWALL INSTALLATION	17100800	.	.	.	.	.	.	.	.
CUSTODIAL SERVICE	17110000	.	.	.	.	.	.	.	.
INDUSTRIAL ELECTRONICS	17150200	.	.	.	.	.	.	.	.
GRAPHIC ARTS, OCCUPATIONS	17190000	.	.	.	.	.	.	.	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	.	.	.	.	.	.	.	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	.	.	.	.	.	.	.	.
BOOKBINDING	17190600	.	.	.	.	.	.	.	.
OTHER PERSONAL SERVICES	17269900	.	.	.	.	.	.	.	.
PUMPING PLANTS	17320200	.	.	.	.	.	.	.	.
SHOE REPAIR	17340200	.	.	.	.	.	.	.	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	.	.	.	.	.	.	.	.
GAGERS	61083620	.	.	.	.	.	.	.	.
EXTERMINATORS	61089204	.	.	.	.	.	.	.	.

5) Occupational training programs of vocational-technical schools sort and other training institutions by unmet demand in descending order

▪ ▪ ▪ NEW ORLEANS ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
▪ ▪ ▪ OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	17,050	19,890	13,722	6,168	13,745	6,145	1,060	179
FOOD SERVICES	4070000	8,040	11,070	6,324	4,746	6,325	4,745	709	31
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	13,660	15,390	10,686	4,704	10,686	4,704	756	84
LAW ENFORCEMENT TRAINING	17280200	7,550	8,740	4,770	3,970	4,770	3,970	606	39
QUANTITY FOOD OCCUPATIONS	17290000	8,290	10,351	6,658	3,693	6,658	3,693	573	46
TRANSPORTATION	4190000	9,650	10,810	7,823	2,987	7,823	2,987	427	0
NURSING ASSISTANT AIDE	7030300	7,180	9,330	6,611	2,719	6,611	2,719	581	193
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	12,590	14,400	11,716	2,684	11,750	2,650	707	323
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	8,280	9,470	6,963	2,507	6,963	2,507	490	132
HEAVY EQUIPMENT OPERATOR	17100302	10,560	11,260	8,879	2,381	8,892	2,368	347	7
TRUCK DRIVERS	17991900	9,260	9,970	7,832	2,138	7,832	2,138	305	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	9,190	9,980	8,299	1,681	8,299	1,681	285	45
PRACTICAL NURSING	7030200	3,600	4,700	3,670	1,030	3,724	976	323	524
TYPING AND RELATED OCCUPATIONS	14090000	5,030	5,750	4,867	883	4,867	883	285	159
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	2,260	2,680	1,931	749	1,931	749	109	2
PLUMBING & PIPEFITTING	17100700	3,080	3,470	2,727	743	2,737	733	126	20
CARE & GUIDANCE OF CHILDREN	9020100	1,770	2,010	1,293	717	1,293	717	134	32
AUTO MECHANICS	17030200	4,000	4,420	3,750	670	3,755	665	143	47
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	2,200	2,270	1,692	588	1,682	588	84	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	1,220	1,450	905	545	905	545	78	0
MEDICAL LABORATORY ASSISTING	7020300	1,040	1,350	830	520	830	520	74	0
ELECTRICAL OCCUPATIONS	17140000	3,600	4,100	3,589	511	3,589	511	140	67
HOTEL & LODGING	4110000	1,190	1,370	875	495	875	495	76	5
PAINTING AND DECORATING	17100500	1,520	1,740	1,260	480	1,260	480	80	12
CARPENTRY	17100100	3,290	3,460	2,985	475	3,105	355	133	65
COMMUNICATIONS	17150100	1,980	2,260	1,847	413	1,847	413	59	0
RECREATION AND TOURISM	4180000	1,360	1,520	1,112	408	1,112	408	68	10
TAILORS	17330200	590	700	310	390	310	390	56	0
MACHINE SHOP	17230200	1,190	1,410	1,051	359	1,051	359	62	11
MEDICAL ASSISTANT	7090400	520	720	373	347	373	347	50	0
MACHINE TOOL OPERATION	17230300	670	880	537	343	537	343	49	0
DENTAL ASSISTANT	7010100	560	760	510	250	510	250	51	15
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	640	720	479	241	479	241	34	0
OTHER PUBLIC SERVICES	17289900	750	840	602	238	602	238	46	12
SHEET METAL	17230500	1,020	1,200	977	223	977	223	48	16
INSTRUMENTAL TECHNOLOGY	16011200	910	1,040	818	222	818	222	33	1
COMMERCIAL PHOTOGRAPHY	17090000	480	580	403	177	403	177	25	0
APPLIANCE REPAIR	17020000	580	660	494	166	494	166	24	1
CIVIL TECHNOLOGY	16010600	490	630	480	150	480	150	28	7

*** NEW ORLEANS ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
FIREFIGHTING TRAINING	17280100	1,060	1,180	1,032	148	1,032	148	31	10
OFFICE, OTHER	14990000	430	480	335	145	335	145	23	2
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	2,110	1,810	1,697	113	1,697	113	16	0
DIESEL MECHANICS	17120000	1,320	1,460	1,356	104	1,356	104	48	33
SHIP & BOAT OPERATION & MAINTENANCE	17080200	670	620	523	97	523	97	14	0
RADIO & TV TECHNICIAN	17150300	310	360	285	75	285	75	14	3
AVIATION OCCUPATION	17040000	440	470	405	65	405	65	9	0
FORESTRY	1070000	170	190	128	62	128	62	9	0
BUSINESS MACHINE MAINTENANCE	17060000	440	480	426	54	426	54	8	0
FINANCE AND CREDIT	4040000	310	360	307	53	307	53	15	8
MILLWORK & CABINET MAKING	17360100	200	200	151	49	151	49	7	0
COMMERCIAL ART OCCUPATIONS	17070000	160	190	149	41	149	41	10	4
MASONRY	17100400	460	510	471	39	471	39	14	9
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	340	370	340	30	340	30	4	0
DENTAL LAB TECH	7010300	230	310	283	27	283	27	17	14
PROGRAMMERS	14020300	670	780	754	26	754	26	24	20
INDUSTRIAL ELECTRONICS	17140100	160	180	160	20	160	20	3	0
AUTO BODY & FENDER REPAIR	17030100	650	740	722	18	722	18	25	22
UPHOLSTERING	17350000	150	160	150	10	150	10	1	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
					(SURPLUS)				
SMALL ENGINE REPAIR	17310000	0	0	30	-30	30	-30	0	4
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	240	250	285	-35	285	-35	5	10
WATER AND WASTE TECHNOLOGY	16990200	0	0	44	-44	44	-44	0	6
MARITIME OCCUPATIONS	17220000	270	250	342	-92	342	-92	-2	10
INHALATION THERAPY	7090300	120	160	254	-94	258	-98	9	22
WELDING & CUTTING	17230600	4,900	5,860	6,035	-175	6,066	-206	209	234
DRAFTING OCCUPATIONS	17130000	1,640	2,010	2,207	-197	2,216	-206	77	105
COMPUTER & CONSOLE OCCUPATIONS	14020100	760	890	1,105	-215	1,111	-221	28	58
AIR CONDITIONING	17010000	830	940	1,199	-259	1,199	-259	28	65
MECHANICAL TECHNOLOGY	16011300	60	80	520	-440	526	-446	3	66
BARBERING	17260100	160	160	1,005	-845	1,013	-853	10	144
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	1,350	1,550	3,346	-1,796	3,347	-1,797	45	301
REAL ESTATE	4170000	390	440	5,667	-5,227	5,698	-5,258	30	810
ORNAMENTAL HORTICULTURE	1050000	0	.	35	.	35	.	.	5
ADVERTISING	4010000	0	.	17	.	17	.	.	2
FLORISTRY	4050000	0	.	445	.	445	.	.	64
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	32	.	32	.	.	5
INSURANCE	4130000	3,810	3,900	.	.	.	.	114	.
PERSONAL SERVICES	4150000	0	.	122	.	122	.	.	17
RETAIL TRADE, OTHER	4200000	0	.	9	.	90	.	.	1
WHOLESALE TRADE OTHER	4310000	1,220	1,410	.	.	.	.	80	.

▪ ▪ ▪ NEW ORLEANS ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
DISTRIBUTIVE EDUCATION	4990000	0	.	151	.	151	.	.	22
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	10	.	10	.	.	1
OTHER NURSING	7039900	0	.	33	.	33	.	.	5
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	155	.	155	.	.	22
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	181	.	181	.	.	26
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	116	.	116	.	.	17
INDUSTRIAL TECHNOLOGY	16011100	0	.	3	.	3	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	19,180	22,330	.	.	.	.	1,197	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
BOOKBINDING	17190600	290	350	.	.	.	.	15	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PUMPING PLANTS	17320200	900	930	.	.	.	.	34	.
SHOE REPAIR	17340200	40	40	.	.	.	.	0	.
▪ ▪ ▪ OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
RECEPTIONISTS AND INFORMATION CLERKS	14040600	2,190	2,710	1,483	1,227	1,483	1,227	175	0
SHIPPING AND RECEIVING CLERKS	14050300	2,750	3,020	2,274	746	2,274	746	107	0
HEAVY EQUIPMENT MAINTENANCE	17100301	3,070	3,280	2,664	616	2,664	616	88	0
KEYPUNCH OPERATOR	14020201	1,370	1,590	1,048	542	1,048	542	77	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	1,520	1,710	1,177	533	1,177	533	76	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	1,100	1,250	917	333	917	333	48	1
SURGICAL TECHNOLOGY	7030500	330	430	258	172	258	172	26	2
SEAMANSHIP	17080100	3,470	3,250	3,128	122	3,128	122	18	0
INSTRUMENTS	17210100	230	300	188	112	188	112	16	0
ROOFERS	17101000	420	470	364	106	364	106	18	3
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	210	280	180	100	180	100	18	4
OFFICE MACHINE OPER	14010400	310	350	261	89	261	89	13	0
RADIOLOGIC TECHNOLOGY	7050100	730	960	874	86	880	80	49	37
PRINTING AND PRESS	17190200	340	600	522	78	528	72	46	35
STRUCTURAL STEEL WORKERS	17203050	350	360	301	59	301	59	8	0
PLASTIC OCCUPATIONS	17270000	150	180	137	43	137	43	6	0
TOOL AND DIEMAKERS	17230700	80	100	66	34	66	34	5	0
MOTOR REPAIR	17140300	120	140	108	32	108	32	6	1
GLAZIERS	17100900	170	190	163	27	163	27	7	3

* * * NEW ORLEANS * * *
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
					(SHORTAGE)				
CONSTRUCTION, OTHER	17100000	530	580	556	24	557	23	18	15
PERIPHERAL EQUIP OPER	14020200	60	70	60	10	60	10	1	0
FARM EQUIPMENT MECHANIC	1030100	60	70	61	9	61	9	1	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
					(SURPLUS)				
OTHER TRADES AND INDUSTRIES	17990000	40	30	52	-22	52	-22	0	2
PLASTERING	17100600	130	140	177	-37	177	-37	5	11
SOIL SCIENCE	1060300	40	50	100	-50	100	-50	1	9
COMMERCIAL PILOTS	16060100	530	550	674	-124	674	-124	7	25
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
DENTAL HYGIENE	7010200	180	250	.	.	.	.	18	.
OCCUPATIONAL THERAPY	7040100	30	40	.	.	.	.	1	.
NUCLEAR TECHNOLOGY	7050300	0	.	6	.	6	.	.	1
OPHTHALMIC DISPENSING	7060100	230	300	.	.	.	.	16	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
TELLERS	14010500	1,930	2,300	.	.	.	.	107	.
SYSTEMS ANALYST	14020000	560	630	.	.	.	.	16	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	30	.	30	.	.	4
AUTOMOTIVE TECHNOLOGY	16010400	0	.	190	.	196	.	.	27
BROADCAST TECHNOLOGY	16060800	0	.	18	.	18	.	.	3
DRYWALL INSTALLATION	17100800	200	220	.	.	.	.	3	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	390	400	.	.	.	.	13	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	180	200	.	.	.	.	5	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	1	.	1	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	430	540	.	.	.	.	26	.

••• BATON ROUGE •••

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
••• OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS •••									
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	6,110	7,570	5,897	1,673	5,949	1,621	243	4
HEAVY EQUIPMENT OPERATOR	17100302	3,870	4,760	3,791	969	3,791	969	141	3
TRANSPORTATION	4190000	3,410	4,220	3,316	904	3,316	904	129	0
TRUCK DRIVERS	17991900	3,480	4,220	3,398	822	3,398	822	117	0
QUANTITY FOOD OCCUPATIONS	17290000	2,900	3,540	2,829	711	2,876	664	105	3
FOOD SERVICES	4070000	2,330	2,950	2,256	694	2,314	636	99	0
LAW ENFORCEMENT TRAINING	17280200	3,750	4,350	3,707	643	3,714	636	115	23
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	3,050	3,800	3,177	623	3,335	465	125	36
NURSING ASSISTANT AIDE	7030300	2,550	3,160	2,588	572	3,187	-27	101	19
TYPING AND RELATED OCCUPATIONS	14090000	2,320	2,760	2,240	520	2,609	151	75	1
OTHER CONSTRUCTION & MAINTENANCE	17109900	4,390	5,170	4,691	479	4,770	400	125	56
AUTO MECHANICS	17030200	1,680	2,000	1,717	283	2,006	-6	51	10
PAINTING AND DECORATING	17100500	1,030	1,300	1,081	219	1,102	198	44	12
CIVIL TECHNOLOGY	16010600	410	600	404	196	404	196	28	0
COMMUNICATIONS	17150100	600	750	595	155	595	155	22	0
DIESEL MECHANICS	17120000	430	580	438	142	472	108	23	3
MASONRY	17100400	510	680	544	136	569	111	26	7
CARE & GUIDANCE OF CHILDREN	9020100	490	640	512	128	512	128	26	7
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	300	420	300	120	300	120	17	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	380	470	365	105	365	105	15	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	540	620	522	98	522	98	14	0
RECREATION AND TOURISM	4180000	400	480	385	95	385	95	14	0
SHEET METAL	17230500	360	460	368	92	370	90	15	2
DENTAL ASSISTANT	7010100	240	320	231	89	231	89	13	0
AUTO BODY & FENDER REPAIR	17030100	320	400	317	83	416	-16	12	0
BUSINESS MACHINE MAINTENANCE	17060000	110	180	110	70	110	70	10	0
HOTEL & LODGING	4110000	190	250	182	68	182	68	10	0
MEDICAL ASSISTANT	7090400	180	240	173	67	173	67	10	0
OTHER PUBLIC SERVICES	17289900	470	520	454	66	456	64	9	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	280	330	270	60	270	60	9	0
MEDICAL LABORATORY ASSISTING	7020300	240	300	247	53	251	49	10	2
MACHINE TOOL OPERATION	17230300	120	170	117	53	117	53	8	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	440	480	429	51	429	51	7	0
FIREFIGHTING TRAINING	17280100	350	390	345	45	345	45	6	0
FORESTRY	1070000	270	300	260	40	260	40	6	0
UPHOLSTERING	17350000	30	70	30	40	73	-3	6	0
TAILORS	17330200	180	220	181	39	218	2	7	2
FINANCE AND CREDIT	4040000	110	150	118	32	128	22	6	
AVIATION OCCUPATION	17040000	0	30	0	30	0	30	4	

▪ ▪ ▪ BATON ROUGE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
		LABOR MARKET AREA							
					(SHORTAGE)				
COMMERCIAL PHOTOGRAPHY	17090000	140	170	140	30	140	30	4	0
MILLWORK & CABINET MAKING	17360100	120	140	116	24	116	24	3	0
DENTAL LAB TECH	7010300	30	50	30	20	30	20	3	0
OFFICE, OTHER	14990000	160	180	160	20	165	15	3	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	60	80	61	19	61	19	3	0
INHALATION THERAPY	7090300	30	40	30	10	97	-57	1	0
MARITIME OCCUPATIONS	17220000	50	60	50	10	50	10	1	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	30	30	30	0	30	0	0	0
WATER AND WASTE TECHNOLOGY	16990200	60	60	60	0	60	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MACHINE SHOP	17230200	580	670	670	0	738	-68	15	15
SMALL ENGINE REPAIR	17310000	0	0	0	0	18	-18	0	0
					(SURPLUS)				
COMPUTER & CONSOLE OCCUPATIONS	14020100	300	370	382	-12	415	-45	11	12
COMMERCIAL ART OCCUPATIONS	17070000	60	80	96	-16	96	-16	3	5
MECHANICAL TECHNOLOGY	16011300	0	0	18	-18	18	-18	0	3
RADIO & TV TECHNICIAN	17150300	100	130	167	-37	235	-105	5	10
ELECTRICAL OCCUPATIONS	17140000	1,930	2,420	2,465	-45	2,556	-136	75	82
PROGRAMMERS	14020300	350	420	471	-51	642	-222	11	18
APPLIANCE REPAIR	17020000	220	270	322	-52	448	-178	8	15
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	5,040	6,220	6,297	-77	6,487	-267	195	206
CARPENTRY	17100100	2,570	2,980	3,076	-96	3,435	-455	71	75
AIR CONDITIONING	17010000	340	450	591	-141	874	-424	16	37
INDUSTRIAL ELECTRONICS	17140100	0	0	174	-174	174	-174	0	25
INSTRUMENTAL TECHNOLOGY	16011200	520	580	823	-243	853	-273	10	44
DRAFTING OCCUPATIONS	17130000	830	1,150	1,406	-256	1,493	-343	48	84
BARBERING	17260100	60	60	384	-324	586	-526	1	55
PRACTICAL NURSING	7030200	1,040	1,320	1,701	-381	2,682	-1,362	47	243
WELDING & CUTTING	17230600	1,680	2,070	2,545	-475	3,248	-1,178	59	127
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	5,080	6,250	6,750	-500	7,470	-1,220	196	267
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	490	660	1,288	-628	1,343	-683	25	115
PLUMBING & PIPEFITTING	17100700	2,020	2,415	3,043	-628	3,202	-787	64	153
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	900	1,060	2,326	-1,266	2,326	-1,266	26	206
REAL ESTATE	4170000	100	130	2,531	-2,401	3,016	-2,886	5	362
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	1,120	1,430	.	.	.	.	49	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	380	530	.	.	.	.	24	.

▪▪▪ BATON ROUGE ▪▪▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	59	.	.	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	49	.	.	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	28	.	77	.	.	4
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	30	.	101	.	.	4
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	1	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	32	.	32	.	.	5
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	6,990	8,570	.	.	.	.	266	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
BOOKBINDING	17190600	60	70	.	.	.	.	1	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
PUMPING PLANTS	17320200	110	120	.	.	.	.	1	.
[illegible] REPAIR	17340200	30	30	.	.	.	.	0	.
▪ ▪ ▪ OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
HEAVY EQUIPMENT MAINTENANCE	17100301	1,380	1,700	1,350	350	1,350	350	50	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	1,030	1,300	995	305	995	305	44	0
SHIPPING AND RECEIVING CLERKS	14050300	820	1,030	798	232	798	232	33	0
KEYPUNCH OPERATOR	14020201	600	750	579	171	579	171	24	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	730	940	772	168	772	168	35	11
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	520	640	506	134	506	134	19	0
SEAMANSHIP	17080100	310	390	305	85	305	85	12	0
STRUCTURAL STEEL WORKERS	17203050	330	400	323	77	323	77	11	0
ROOFERS	17101000	150	210	145	65	145	65	9	0
RADIOLOGIC TECHNOLOGY	7050100	170	220	167	53	174	46	8	0
PLASTERING	17100600	160	210	158	52	158	52	8	0
PRINTING AND PRESS	17190200	190	220	186	34	186	34	5	0
OFFICE MACHINE OPER	14010400	140	170	137	33	137	33	5	0
INSTRUMENTS	17210100	100	130	97	33	110	20	5	0
GLAZIERS	17100900	100	130	98	32	98	32	5	0
SURGICAL TECHNOLOGY	7030500	80	100	77	23	77	23	3	0
MOTOR REPAIR	17140300	50	70	51	19	67	3	3	0
FARM EQUIPMENT MECHANIC	1030100	0	30	14	16	18	12	4	2
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	50	60	50	10	50	10	1	0

*** BATON ROUGE ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
SOIL SCIENCE	1060300	0	0	0	0	17	-17	0	0
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
					(SURPLUS)				
COMMERCIAL PILOTS	16060100	40	50	68	-18	68	-18	1	4
CONSTRUCTION, OTHER	17100000	620	780	851	-71	907	-127	25	35
PERIPHERAL EQUIP OPER	14020200	30	30	103	-73	103	-73	0	10
PLASTIC OCCUPATIONS	17270000	570	650	1,199	-549	1,238	-588	13	92
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
DENTAL HYGIENE	7010200	80	110	.	.	.	.	5	.
OCCUPATIONAL THERAPY	7040100	0	30	.	.	.	.	4	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	100	130	.	.	.	.	5	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	7	.	.	0
TELLERS	14010500	910	1,150	.	.	.	.	38	.
SYSTEMS ANALYST	14020000	280	330	.	.	.	.	8	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	200	270	.	.	.	.	10	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	180	210	.	.	.	.	5	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	60	70	.	.	.	.	1	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	170	230	.	.	.	.	9	.

▪ ▪ ▪ LAFAYETTE ▪ ▪ ▪

LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
▪ ▪ ▪ OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
OTHER CONSTRUCTION & MAINTENANCE	17109900	2,410	3,730	2,130	1,600	2,140	1,590	230	1
LAW ENFORCEMENT TRAINING	17280200	1,650	2,490	1,035	1,455	1,078	1,412	229	21
HEAVY EQUIPMENT OPERATOR	17100302	1,890	2,970	1,538	1,432	1,564	1,406	205	1
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,660	2,470	1,208	1,262	2,165	305	188	7
GENERAL MERCHANDISE	4080000	2,240	2,970	1,746	1,224	1,771	1,199	196	21
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,600	2,470	1,416	1,054	1,646	824	191	41
TRUCK DRIVERS	17991900	1,410	2,180	1,144	1,036	1,318	862	148	0
FOOD SERVICES	4070000	1,070	1,750	790	960	790	960	137	0
QUANTITY FOOD OCCUPATIONS	17290000	900	1,390	669	721	684	706	103	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	1,040	1,540	829	711	939	601	118	17
TRANSPORTATION	4190000	1,040	1,460	858	602	858	602	86	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	530	860	383	477	383	477	68	0
WELDING & CUTTING	17230600	710	1,100	757	343	2,543	-1,443	68	19
TYPING AND RELATED OCCUPATIONS	14090000	570	840	504	336	665	175	63	15
AUTO MECHANICS	17030200	620	840	562	278	1,026	-186	45	6
INFORMATION COMMUNICATION OCCUPATIONS	14040000	480	700	424	276	521	179	39	0
CARPENTRY	17100100	630	750	493	257	864	-114	39	2
CARE & GUIDANCE OF CHILDREN	9020100	210	350	105	245	105	245	35	0
DRAFTING OCCUPATIONS	17130000	390	680	444	236	833	-153	48	15
ELECTRICAL OCCUPATIONS	17140000	420	580	378	202	631	-51	32	3
CIVIL TECHNOLOGY	16010600	130	290	116	174	281	9	25	0
DIESEL MECHANICS	17120000	250	410	252	158	675	-265	30	7
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	230	360	209	151	501	-141	22	0
PAINTING AND DECORATING	17100500	220	310	166	144	183	127	21	0
RECREATION AND TOURISM	4180000	190	270	134	136	134	136	19	0
FIREFIGHTING TRAINING	17280100	260	370	234	136	234	136	20	0
PLUMBING & PIPEFITTING	17100700	270	360	236	124	327	33	21	3
NURSING ASSISTANT AIDE	7030300	850	1,220	1,104	116	1,407	-187	87	70
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	220	300	185	115	264	36	16	0
INSTRUMENTAL TECHNOLOGY	16011200	130	220	109	111	111	109	16	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	160	270	160	110	160	110	16	0
OFFICE, OTHER	14990000	50	110	36	74	36	74	11	0
DENTAL ASSISTANT	7010100	90	130	62	68	62	68	10	0
PROGRAMMERS	14020300	90	150	83	67	91	59	10	0
COMPUTER & CONSOLE OCCUPATIONS	14020100	100	160	94	66	94	66	10	0
TAILORS	17330200	70	100	35	65	35	65	9	0
MASONRY	17100400	140	180	119	61	164	16	9	0
MACHINE TOOL OPERATION	17230300	0	60	0	60	0	60	9	0
AVIATION OCCUPATION	17040000	80	130	74	56	74	56	8	0

*** LAFAYETTE ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
COMMUNICATIONS	17150100	220	260	206	54	207	53	8	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	60	100	46	54	46	54	8	0
MEDICAL ASSISTANT	7090400	70	100	49	51	49	51	7	0
SHEET METAL	17230500	90	130	79	51	81	49	8	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	70	100	56	44	56	44	6	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	50	80	36	44	36	44	6	0
COMMERCIAL PHOTOGRAPHY	17090000	60	100	60	40	60	40	6	0
MACHINE SHOP	17230200	110	170	130	40	460	-290	9	3
OTHER PUBLIC SERVICES	17289900	60	100	60	40	61	39	6	0
HOTEL & LODGING	4110000	60	70	39	31	39	31	4	0
FINANCE AND CREDIT	4040000	0	30	0	30	0	30	4	0
COMMERCIAL ART OCCUPATIONS	17070000	0	30	0	30	0	30	4	0
MARITIME OCCUPATIONS	17220000	0	30	0	30	0	30	4	0
DENTAL LAB TECH	7010300	60	80	60	20	60	20	3	0
AUTO BODY & FENDER REPAIR	17030100	110	130	119	11	333	-203	5	3
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	50	60	50	10	50	10	1	0
BUSINESS MACHINE MAINTENANCE	17060000	60	70	60	10	75	-5	1	0
RADIO & TV TECHNICIAN	17150300	30	40	31	9	181	-141	1	0
APPLIANCE REPAIR	17020000	100	130	128	2	175	-45	6	6
FORESTRY	1070000	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
UPHOLSTERING	17350000	0	0	0	0	63	-63	0	0
MILLWORK & CABINET MAKING	17360100	30	30	30	0	30	0	0	0
					(SURPLUS)				
MECHANICAL TECHNOLOGY	16011300	0	0	1	-1	7	-7	0	0
MEDICAL LABORATORY ASSISTING	7020300	120	170	193	-23	193	-23	9	12
AIR CONDITIONING	17010000	80	100	167	-67	438	-338	4	13
BARBERING	17260100	0	30	101	-71	314	-284	4	14
INHALATION THERAPY	7090300	0	0	73	-73	73	-73	0	10
PRACTICAL NURSING	7030200	410	600	817	-217	2,739	-2,139	47	117
REAL ESTATE	4170000	0	40	869	-829	1,418	-1,378	6	124
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	210	310	.	.	.	.	21	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	180	290	.	.	.	.	25	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	.

▪ ▪ ▪ LAFAYETTE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	62	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	62	.	.	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	15	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	6	.	23	.	.	1
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	18	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	1,770	2,500	.	.	.	.	181	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
BOOKBINDING	17190600	30	50	.	.	.	.	3	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	12	.	.	0
PUMPING PLANTS	17320200	340	570	.	.	.	.	45	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
▪ ▪ ▪ OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ▪ ▪ ▪					(SHORTAGE)				
HEAVY EQUIPMENT MAINTENANCE	17100301	430	690	353	337	398	292	48	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	310	480	198	282	217	263	40	0
SHIPPING AND RECEIVING CLERKS	14050300	370	540	293	247	293	247	35	0
SEAMANSHIP	17080100	300	460	258	202	258	202	29	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	220	310	164	146	164	146	21	0
KEYPUNCH OPERATOR	14020201	160	240	118	122	347	-107	17	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	130	190	102	88	103	87	13	0
COMMERCIAL PILOTS	16060100	120	190	113	77	204	-14	11	0
CONSTRUCTION, OTHER	17100000	130	160	109	51	174	-14	7	0
PRINTING AND PRESS	17190200	60	100	53	47	53	47	7	0
RADIOLOGIC TECHNOLOGY	7050100	80	110	66	44	74	36	6	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	30	0	30	0	30	4	0
MOTOR REPAIR	17140300	0	30	0	30	0	30	4	0
PLASTERING	17100600	0	30	6	24	6	24	4	1
GLAZIERS	17100900	40	60	40	20	40	20	3	0
ROOFERS	17101000	40	60	40	20	40	20	3	0
INSTRUMENTS	17210100	40	60	40	20	41	19	3	0
SURGICAL TECHNOLOGY	7030500	30	50	40	10	42	8	3	1
OFFICE MACHINE OPER	14010400	40	50	40	10	40	10	1	0

*** LAFAYETTE ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	* L M A * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
STRUCTURAL STEEL WORKERS	17203050	70	80	70	10	70	10	1	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
SOIL SCIENCE	1060300	0	0	0	0	19	-19	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
PLASTIC OCCUPATIONS	17270000	0	0	0	0	5	-5	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	1	-1	0	0
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
DENTAL HYGIENE	7010200	30	40	.	.	.	.	1	.
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	40	60	.	.	.	.	3	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
TELLERS	14010500	220	400	.	.	.	.	34	.
SYSTEMS ANALYST	14020000	80	120	.	.	.	.	7	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	30	70	.	.	.	.	6	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	40	60	.	.	.	.	3	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	30	.	.	.	.	4	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	1	.	1	.	.	0
EXTERMINATORS	61089204	30	50	.	.	.	.	3	.

* * * LAKE CHARLES * * *

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
* * * OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS * * *									
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	1,720	2,040	1,258	782	1,259	781	113	1
HEAVY EQUIPMENT OPERATOR	17100302	1,480	1,950	1,224	726	1,254	696	106	2
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,400	1,700	1,196	504	1,350	350	95	23
TRANSPORTATION	4190000	1,120	1,380	910	470	910	470	67	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,350	1,630	1,175	455	1,199	431	93	28
OTHER CONSTRUCTION & MAINTENANCE	17109900	1,590	1,870	1,444	426	1,455	415	69	8
QUANTITY FOOD OCCUPATIONS	17290000	900	1,120	718	402	718	402	57	0
TRUCK DRIVERS	17991900	1,160	1,370	971	399	971	399	57	0
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	880	1,050	701	349	801	249	59	9
LAW ENFORCEMENT TRAINING	17280200	890	1,140	894	246	911	229	36	1
FOOD SERVICES	4070000	880	1,090	880	210	880	210	30	0
PLUMBING & PIPEFITTING	17100700	740	910	738	172	753	157	42	18
TYPING AND RELATED OCCUPATIONS	14090000	480	580	410	170	477	103	32	8
PAINTING AND DECORATING	1710050C	420	470	330	140	347	123	20	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	270	310	193	117	193	117	17	0
ELECTRICAL OCCUPATIONS	17140000	570	670	561	109	603	67	25	10
INSTRUMENTAL TECHNOLOGY	16011200	290	360	256	104	256	104	15	0
AUTO MECHANICS	17030200	540	610	512	98	574	36	21	7
NURSING ASSISTANT AIDE	7030300	990	1,330	1,247	83	1,309	21	49	37
DENTAL ASSISTANT	7010100	100	140	72	68	72	68	10	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	110	140	82	58	158	-18	8	0
MEDICAL LABORATORY ASSISTING	7020300	100	140	86	54	86	54	8	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	90	130	76	54	76	54	8	0
DIESEL MECHANICS	17120000	140	170	121	49	122	48	7	0
COMMUNICATIONS	17150100	180	220	174	46	174	46	7	0
OFFICE, OTHER	14990000	30	70	30	40	30	40	6	0
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	200	230	193	37	193	37	8	3
MACHINE SHOP	17230200	330	410	374	36	485	-75	20	15
FIREFIGHTING TRAINING	17280100	150	180	150	30	150	30	4	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	40	60	40	20	40	20	3	0
RECREATION AND TOURISM	4180000	130	150	130	20	130	20	3	0
DENTAL LAB TECH	7010300	30	50	30	20	30	20	3	0
MEDICAL ASSISTANT	7090400	70	90	70	20	70	20	3	0
CIVIL TECHNOLOGY	16010600	50	70	50	20	50	20	3	0
DRAFTING OCCUPATIONS	17130000	190	230	215	15	227	3	9	7
OTHER PUBLIC SERVICES	17289900	50	50	36	14	36	14	2	0
HOTEL & LODGING	4110000	60	70	60	10	60	10	1	0
CARE & GUIDANCE OF CHILDREN	9020100	80	90	80	10	80	10	1	0
APPLIANCE REPAIR	17020000	70	80	70	10	71	9	1	0

*** LAKE CHARLES ***
LABOR MARKET AREA

LABOR MARKET AREA

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
SHEET METAL	17230500	70	80	73	7	73	7	1	0
FORESTRY	1070000	0	0	0	0	41	-41	0	0
INHALATION THERAPY	7090300	0	0	0	0	0	0	0	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	60	60	60	0	60	0	0	0
WATER AND WASTE TECHNOLOGY	16990200	30	30	30	0	30	0	0	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE TOOL OPERATION	17230300	0	0	0	0	0	0	0	0
TAILORS	17330200	40	40	40	0	180	-140	0	0
UPHOLSTERING	17350000	0	0	0	0	0	0	0	0
MILLWORK & CABINET MAKING	17360100	0	0	0	0	0	0	0	0
					(SURPLUS)				
CARPENTRY	17100100	600	590	592	-2	682	-92	18	18
FINANCE AND CREDIT	4040000	30	40	45	-5	45	-5	1	2
COMPUTER & CONSOLE OCCUPATIONS	14020100	60	80	90	-10	97	-17	3	4
MECHANICAL TECHNOLOGY	16011300	0	0	12	-12	12	-12	0	2
PROGRAMMERS	14020300	60	80	114	-34	144	-64	3	8
AIR CONDITIONING	17010000	80	90	128	-38	129	-39	1	7
AUTO BODY & FENDER REPAIR	17030100	100	100	140	-40	140	-40	0	6
MASONRY	17100400	90	90	130	-40	137	-47	0	6
WELDING & CUTTING	17230600	570	720	765	-45	1,022	-302	29	36
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	250	290	340	-50	340	-50	12	19
RADIO & TV TECHNICIAN	17150300	30	40	95	-55	96	-56	1	9
AVIATION OCCUPATION	17040000	0	0	69	-69	69	-69	0	10
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	110	140	389	-249	389	-249	4	40
BARBERING	17260100	30	30	317	-287	380	-350	0	45
PRACTICAL NURSING	7030200	440	590	971	-381	1,207	-617	42	139
REAL ESTATE	4170000	0	0	532	-532	694	-694	0	76
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	180	220	.	.	.	.	12	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	110	130	.	.	.	.	8	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0

▪ ▪ ▪ LAKE CHARLES ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	0	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	11	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	1,850	2,320	.	.	.	.	142	.
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	0	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	4	.	47	.	.	1
PUMPING PLANTS	17320200	30	30	.	.	.	.	0	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
▪ ▪ ▪ OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
HEAVY EQUIPMENT MAINTENANCE	17100301	520	680	436	244	436	244	35	0
RECEPTIONISTS AND INFORMATION CLERKS	14040600	240	320	156	164	156	164	23	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	420	470	329	141	329	141	20	0
PLASTIC OCCUPATIONS	17270000	310	380	263	117	264	116	17	0
SHIPPING AND RECEIVING CLERKS	14050300	250	290	215	75	216	74	11	0
KEYPUNCH OPERATOR	14020201	130	160	102	58	102	58	8	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	130	150	110	40	115	35	6	0
RADIOLOGIC TECHNOLOGY	7050100	80	100	66	34	66	34	5	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	30	0	30	0	30	4	0
SURGICAL TECHNOLOGY	7030500	30	50	30	20	30	20	3	0
MOTOR REPAIR	17140300	0	30	12	18	17	13	4	2
PLASTERING	17100600	30	40	30	10	30	10	1	0
GLAZIERS	17100900	40	50	40	10	40	10	1	0
PRINTING AND PRESS	17190200	30	40	30	10	30	10	1	0
STRUCTURAL STEEL WORKERS	17203050	80	90	80	10	80	10	1	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0
OFFICE MACHINE OPER	14010400	30	30	30	0	30	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
ROOFERS	17101000	30	30	30	0	30	0	0	0

*** LAKE CHARLES ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* L M A * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
					(SURPLUS)				
SEAMANSHIP	17080100	130	120	130	-10	130	-10	0	0
SOIL SCIENCE	1060300	0	0	12	-12	12	-12	0	2
INSTRUMENTS	17210100	40	50	81	-31	86	-36	1	6
CONSTRUCTION, OTHER	17100000	160	160	201	-41	204	-44	0	6
COMMERCIAL PILOTS	16060100	0	0	49	-49	49	-49	0	7
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
DENTAL HYGIENE	7010200	30	50	.	.	.	.	3	.
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	40	50	.	.	.	.	1	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
TELLERS	14010500	330	510	.	.	.	.	37	.
SYSTEMS ANALYST	14020000	60	80	.	.	.	.	3	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	60	70	.	.	.	.	1	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	50	60	.	.	.	.	1	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17092500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	0	30	.	.	.	.	4	.

ALEXANDRIA

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
*** OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS ***									
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	1,730	2,030	1,283	747	1,323	707	110	3
NURSING ASSISTANT AIDE	7030300	1,730	2,160	1,619	541	1,880	280	126	49
QUANTITY FOOD OCCUPATIONS	17290000	800	1,080	611	469	611	469	67	0
FOOD SERVICES	4070000	550	830	410	420	410	420	60	0
LAW ENFORCEMENT TRAINING	17280200	1,040	1,130	716	414	725	405	62	3
TRANSPORTATION	4190000	1,010	1,130	849	281	849	281	40	0
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,270	1,470	1,190	280	1,265	205	75	35
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	830	920	655	265	734	186	44	6
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	490	620	365	255	365	255	37	0
TYPING AND RELATED OCCUPATIONS	14090000	680	750	512	238	576	174	34	0
OTHER CONSTRUCTION & MAINTENANCE	17109900	890	1,000	794	206	795	205	30	0
TRUCK DRIVERS	17991900	1,050	1,070	889	181	889	181	26	0
HEAVY EQUIPMENT OPERATOR	17100302	870	940	769	171	769	171	28	4
CARE & GUIDANCE OF CHILDREN	9020100	180	230	103	127	105	125	18	0
CARPENTRY	17100100	420	450	355	95	536	-86	18	5
INFORMATION COMMUNICATION OCCUPATIONS	14040000	330	380	302	78	302	78	11	0
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	220	240	185	55	190	50	8	0
MEDICAL LABORATORY ASSISTING	7020300	130	170	116	54	116	54	8	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	130	150	102	48	102	48	7	0
PAINTING AND DECORATING	17100500	150	160	116	44	116	44	6	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,500	1,660	1,620	40	1,726	-66	79	73
OTHER PUBLIC SERVICES	17289900	180	180	145	35	151	29	5	0
TAILORS	17330200	50	60	29	31	29	31	4	0
UPHOLSTERING	17350000	0	30	0	30	11	19	4	0
RECREATION AND TOURISM	4180000	140	160	140	20	140	20	3	0
COMMUNICATIONS	17150100	180	200	180	20	180	20	3	0
HOTEL & LODGING	4110000	50	60	50	10	50	10	1	0
DENTAL ASSISTANT	7010100	60	70	60	10	60	10	1	0
MEDICAL ASSISTANT	7090400	60	70	60	10	60	10	1	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	80	90	80	10	80	10	1	0
COMPUTER & CONSOLE OCCUPATIONS	14020100	80	90	80	10	80	10	1	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	100	110	100	10	105	5	1	0
INSTRUMENTAL TECHNOLOGY	16011200	100	110	100	10	100	10	1	0
FIREFIGHTING TRAINING	17280100	180	190	180	10	180	10	1	0
PROGRAMMERS	14020300	80	90	81	9	81	9	1	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	0	0	0	0	0	0	0
FORESTRY	1070000	60	60	60	0	60	0	0	0
FINANCE AND CREDIT	4040000	0	0	0	0	0	0	0	0
INHALATION THERAPY	7090300	0	0	0	0	3	-3	0	0

ALEXANDRIA

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
CIVIL TECHNOLOGY	16010600	40	40	40	0	47	-7	0	0
AVIATION OCCUPATION	17040000	30	30	30	0	30	0	0	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
COMMERCIAL PHOTOGRAPHY	17090000	30	30	30	0	31	-1	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	0	0	0	0	0	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE TOOL OPERATION	17230300	80	80	80	0	80	0	0	0
SHEET METAL	17230500	50	60	60	0	61	-1	1	1
DENTAL LAB TECH	7010300	0	0	1	(SURPLUS) -1	1	-1	0	0
PLUMBING & PIPEFITTING	17100700	200	220	221	-1	222	-2	8	8
MILLWORK & CABINET MAKING	17360100	80	80	81	-1	81	-1	0	0
MECHANICAL TECHNOLOGY	16011300	0	0	7	-7	12	-12	0	1
MACHINE SHOP	17230200	70	80	102	-22	103	-23	1	5
AUTO MECHANICS	17030200	450	470	497	-27	578	-108	12	16
OFFICE, OTHER	14990000	30	40	69	-29	69	-29	1	6
AUTO BODY & FENDER REPAIR	17030100	60	60	89	-29	162	-102	0	4
WELDING & CUTTING	17230600	240	270	309	-39	572	-302	7	13
DIESEL MECHANICS	17120000	90	90	138	-48	183	-93	0	7
AIR CONDITIONING	17010000	80	90	139	-49	219	-129	1	8
APPLIANCE REPAIR	17020000	70	80	130	-50	133	-53	1	9
ELECTRICAL OCCUPATIONS	17140000	240	260	315	-55	323	-63	7	15
MASONRY	17100400	50	50	117	-67	118	-68	0	10
RADIO & TV TECHNICIAN	17150300	0	30	97	-67	98	-68	4	14
PRACTICAL NURSING	7030200	650	830	924	-94	1,212	-382	56	132
DRAFTING OCCUPATIONS	17130000	110	120	214	-94	222	-102	1	15
BARBERING	17260100	0	0	114	-114	180	-180	0	16
REAL ESTATE	4170000	0	0	293	-293	443	-443	0	42
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	490	540	.	.	.	.	20	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	100	100	.	.	.	.	0	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0

ALEXANDRIA

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
OTHER NURSING	7039900	0	.	13	.	13	.	.	2
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	30	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	6	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	2,040	2,420	.	.	.	.	134	.
INDUSTRIAL ELECTRONICS	17150200	0	.	.	.	.	.	.	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	60	.	.	0
PUMPING PLANTS	17320200	30	30	.	.	.	.	0	.
SHOE REPAIR	17340200	0	0	.	.	.	.	0	.
*** OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ***					(SHORTAGE)				
RECEPTIONISTS AND INFORMATION CLERKS	14040600	230	280	160	120	160	120	17	0
KEYPUNCH OPERATOR	14020201	130	150	102	48	102	48	7	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	150	160	115	45	115	45	6	0
HEAVY EQUIPMENT MAINTENANCE	17100301	220	240	199	41	199	41	6	0
SHIPPING AND RECEIVING CLERKS	14050300	310	320	282	38	282	38	5	0
RADIOLOGIC TECHNOLOGY	7050100	100	130	98	32	98	32	6	2
INSTRUMENTS	17210100	0	30	0	30	1	29	4	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	30	40	30	10	30	10	1	0
SURGICAL TECHNOLOGY	7030500	50	60	52	8	52	8	1	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	110	120	117	3	121	-1	1	1
OFFICE MACHINE OPER	14010400	30	30	30	0	30	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
COMMERCIAL PILOTS	16060100	0	0	0	0	0	0	0	0
PLASTERING	17100600	0	0	0	0	0	0	0	0
ROOFERS	17101000	0	0	0	0	0	0	0	0
MOTOR REPAIR	17140300	0	0	0	0	0	0	0	0
PRINTING AND PRESS	17190200	40	40	40	0	42	-2	0	0
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0

*** ALEXANDRIA ***

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	TRAINED MANPOWER
PLASTIC OCCUPATIONS	17270000	0	0	0	0	7	-7	0	0
FARM EQUIPMENT MECHANIC	1030100	0	0	1	(SURPLUS) -1	1	-1	0	0
GLAZIERS	17100900	30	30	31	-1	31	-1	0	0
STRUCTURAL STEEL WORKERS	17203050	30	30	31	-1	31	-1	0	0
CONSTRUCTION, OTHER	17100000	60	60	66	-6	89	-29	0	1
SOIL SCIENCE	1060300	0	0	15	-15	21	-21	0	2
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
DENTAL HYGIENE	7010200	0	0	.	.	.	.	0	.
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	0	30	.	.	.	.	4	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
TELLERS	14010500	240	280	.	.	.	.	13	.
SYSTEMS ANALYST	14020000	60	60	.	.	.	.	0	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
SEAMANSHIP	17080100	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	0	0	.	.	.	.	0	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	40	40	.	.	.	.	0	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
OTHER TRADES AND INDUSTRIES	17990000	0	.	0	.	0	.	.	0
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	40	50	.	.	.	.	1	.

▪ ▪ ▪ SHREVEPORT ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ LMA ▪ ANNUAL AVERAGE TRAINED MANPOWER
▪ ▪ ▪ OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	5,000	5,770	3,864	1,906	3,984	1,786	301	29
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	3,790	4,480	3,002	1,478	3,370	1,110	244	32
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	3,400	4,080	2,780	1,300	3,094	986	221	35
LAW ENFORCEMENT TRAINING	17280200	2,090	2,610	1,374	1,236	1,438	1,172	188	12
FOOD SERVICES	4070000	1,740	2,370	1,353	1,017	1,353	1,017	148	3
TRANSPORTATION	4190000	2,860	3,330	2,349	981	2,349	981	140	0
QUANTITY FOOD OCCUPATIONS	17290000	1,970	2,500	1,560	940	1,560	940	141	6
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	2,330	2,740	1,839	901	2,297	443	151	22
NURSING ASSISTANT AIDE	7030300	2,100	2,670	1,827	843	2,221	449	160	40
HEAVY EQUIPMENT OPERATOR	17100302	3,380	3,570	2,853	717	2,874	696	106	4
OTHER CONSTRUCTION & MAINTENANCE	17109900	3,030	3,500	2,811	689	3,367	133	119	21
TYPING AND RELATED OCCUPATIONS	14090000	1,280	1,510	959	551	1,109	401	80	1
WELDING & CUTTING	17230600	1,730	2,340	1,894	446	2,254	86	113	49
MACHINE TOOL OPERATION	17230300	710	900	564	336	574	326	49	1
CARPENTRY	17100100	1,160	1,360	1,069	291	1,120	240	70	28
CARE & GUIDANCE OF CHILDREN	9020100	390	490	234	256	235	255	38	2
PLUMBING & PIPEFITTING	17100700	800	970	755	215	755	215	43	13
RECREATION AND TOURISM	4180000	300	430	236	194	236	194	31	3
PAINTING AND DECORATING	17100500	520	590	420	170	420	170	27	3
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	410	480	320	160	320	160	23	0
FINANCE AND CREDIT	4040000	80	100	-46	146	-46	146	21	0
FIREFIGHTING TRAINING	17280100	330	440	295	145	295	145	21	0
COMMERCIAL PHOTOGRAPHY	17090000	250	340	215	125	215	125	18	0
INFORMATION COMMUNICATION OCCUPATIONS	14040000	260	310	190	120	190	120	17	0
ELECTRICAL OCCUPATIONS	17140000	850	1,030	925	105	1,095	-65	43	28
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	240	300	198	102	198	102	15	0
MACHINE SHOP	17230200	570	700	604	96	611	89	33	19
DENTAL ASSISTANT	7010100	160	210	118	92	118	92	13	0
TAILORS	17330200	160	190	100	90	100	90	13	0
SHEET METAL	17230500	320	400	311	89	311	89	18	6
COMMUNICATIONS	17150100	500	560	472	88	472	88	13	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	910	920	834	86	834	86	12	0
HOTEL & LODGING	4110000	140	180	98	82	98	82	12	0
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	180	210	131	79	131	79	11	0
OTHER PUBLIC SERVICES	17289900	230	260	181	79	187	73	11	0
MEDICAL ASSISTANT	7090400	140	190	116	74	116	74	12	2
DRAFTING OCCUPATIONS	17130000	440	550	486	64	747	-197	22	13
COMPUTER & CONSOLE OCCUPATIONS	14020100	230	270	209	61	210	60	9	0
DIESEL MECHANICS	17120000	400	460	401	59	406	54	18	9

★★★ SHREVEPORT ★★★

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	★ LMA ★ ANNUAL AVERAGE TOTAL OPENINGS	★ LMA ★ ANNUAL AVERAGE TRAINED MANPOWER
					(SHORTAGE)				
AUTO MECHANICS	17030200	1,320	1,520	1,462	58	1,592	-72	57	48
MEDICAL LABORATORY ASSISTING	7020300	240	310	259	51	259	51	17	10
MILLWORK & CABINET MAKING	17360100	150	160	109	51	109	51	7	0
OFFICE, OTHER	14990000	130	170	123	47	124	46	8	1
MASONRY	17100400	170	200	168	32	172	28	7	3
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	50	80	50	30	50	30	4	0
INHALATION THERAPY	7090300	0	30	0	30	0	30	4	0
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	410	510	480	30	524	-14	19	15
BUSINESS MACHINE MAINTENANCE	17060000	110	140	111	29	117	23	4	0
INSTRUMENTAL TECHNOLOGY	16011200	230	260	234	26	246	14	7	4
DENTAL LAB TECH	7010300	90	110	86	24	86	24	5	1
RADIO & TV TECHNICIAN	17150300	70	90	72	18	98	-8	3	0
CIVIL TECHNOLOGY	16010600	100	140	127	13	134	6	6	4
AVIATION OCCUPATION	17040000	70	80	70	10	70	10	1	0
COMMERCIAL ART OCCUPATIONS	17070000	50	60	50	10	50	10	1	0
FORESTRY	1070000	60	60	60	0	79	-19	0	0
WATER AND WASTE TECHNOLOGY	16990200	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	80	80	80	0	80	0	0	0
WATCHMAKERS	17210200	0	0	0	0	22	-22	0	0
					(SURPLUS)				
APPLIANCE REPAIR	17020000	190	220	230	-10	242	-22	8	10
AUTO BODY & FENDER REPAIR	17030100	260	320	339	-19	339	-19	13	15
PROGRAMMERS	14020300	220	250	283	-33	283	-33	6	11
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	500	590	629	-39	649	-59	24	29
MECHANICAL TECHNOLOGY	16011300	30	30	102	-72	188	-158	0	10
AIR CONDITIONING	17010000	240	270	353	-83	437	-167	7	19
UPHOLSTERING	17350000	30	40	189	-149	100	-60	1	23
BARBERING	17260100	70	80	425	-345	502	-422	6	61
PRACTICAL NURSING	7030200	870	1,130	1,857	-727	2,391	-1,261	77	265
REAL ESTATE	4170000	50	50	1,313	-1,263	1,625	-1,575	0	188
TRUCK DRIVERS	17991900	3,340	3,910	5,687	-1,777	5,922	-2,012	81	335
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	269	.	269	.	.	38
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	730	770	.	.	.	.	25	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	390	430	.	.	.	.	22	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0

▪ ▪ ▪ SHREVEPORT ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
OTHER NURSING	7039900	0	.	0	.	0	.	.	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	203	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	40	.	49	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	6
OTHER BUSINESS DATA PROCESSING	14029900	0	.	10	.	10	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	19	.	19	.	.	1
FORESTRY TECHNOLOGY	16060300	0	.	3	.	3	.	.	3
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	4,460	5,360	.	.	.	.	.	0
INDUSTRIAL ELECTRONICS	17150200	0	0	.	.	.	.	306	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	76	.	76	.	0	.
BOOKBINDING	17190600	80	80	.	.	.	.	.	11
MARITIME OCCUPATIONS	17220000	0	.	0	.	0	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	25	.	25	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	34	.	55	.	.	4
PUMPING PLANTS	17320200	220	250	.	.	.	.	.	5
SHOE REPAIR	17340200	0	0	.	.	.	.	4	.
								0	.

▪ ▪ ▪ OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ▪ ▪ ▪

					(SHORTAGE)				
RECEPTIONISTS AND INFORMATION CLERKS	14040600	570	710	388	322	388	322	46	0
SHIPPING AND RECEIVING CLERKS	14050300	850	960	703	257	703	257	37	0
HEAVY EQUIPMENT MAINTENANCE	17100301	770	900	658	242	658	242	35	0
KEYPUNCH OPERATOR	14020201	400	460	309	151	309	151	22	0
PLASTIC OCCUPATIONS	17270000	460	530	397	133	397	133	19	0
TOOL AND DIEMAKERS	17230700	270	340	219	121	228	112	18	1
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	270	320	235	85	235	85	14	2
BUILDING MAINTENANCE OCCUPATIONS	17099000	520	590	509	81	509	81	27	15
RADIOLOGIC TECHNOLOGY	7050100	150	190	122	68	122	68	10	0
CONSTRUCTION, OTHER	17100000	190	210	169	41	169	41	7	1
STRUCTURAL STEEL WORKERS	17203050	130	150	109	41	109	41	6	0
ROOFERS	17101000	120	140	105	35	105	35	6	1
SURGICAL TECHNOLOGY	7030500	60	80	48	32	48	32	5	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	40	60	40	20	40	20	3	0
OFFICE MACHINE OPER	14010400	70	90	70	20	90	0	3	0
INSTRUMENTS	17210100	60	80	61	19	61	19	3	0
MOTOR REPAIR	17140300	40	50	41	9	41	9	1	0
GLAZIERS	17100900	110	130	122	8	122	8	3	2
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	0	0	0	0

*** SHREVEPORT ***
LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	* LMA * ANNUAL AVERAGE TOTAL OPENINGS	* LMA * ANNUAL AVERAGE TRAINED MANPOWER
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	0	0	0	0	0	0	0	0
					(SURPLUS)				
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	1	-1	1	-1	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	1	-1	2	-2	0	0
PRINTING AND PRESS	17190200	160	160	166	-6	166	-6	0	1
PLASTERING	17100600	30	30	37	-7	42	-12	0	1
SOIL SCIENCE	1060300	0	0	13	-13	49	-49	0	2
COMMERCIAL PILOTS	16060100	80	90	606	-516	606	-516	1	75
AGRICULTURAL CHEMICALS	1020100	0	0	.	.	.	.	0	.
DENTAL HYGIENE	7010200	50	70	.	.	.	.	3	.
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	60	80	.	.	.	.	3	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
TELLERS	14010500	610	800	.	.	.	.	27	.
SYSTEMS ANALYST	14020000	160	190	.	.	.	.	6	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	80	90	.	.	.	.	1	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	150	160	.	.	.	.	6	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	50	50	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	0	.	.	0
EXTERMINATORS	61089204	50	60	.	.	.	.	1	.

MONROE

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	LMA ANNUAL AVERAGE TOTAL OPENINGS	LMA ANNUAL AVERAGE TRAINED MANPOWER
OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS									
					(SHORTAGE)				
GENERAL MERCHANDISE	4080000	1,930	2,150	1,427	723	1,445	705	103	0
NURSING ASSISTANT AIDE	7030300	780	960	577	383	886	74	55	0
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	1,390	1,540	1,161	379	1,271	269	72	18
FOOD SERVICES	4070000	600	830	453	377	453	377	54	0
QUANTITY FOOD OCCUPATIONS	17290000	720	880	573	307	573	307	44	0
LAW ENFORCEMENT TRAINING	17280200	670	720	471	249	544	176	39	4
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	830	930	707	223	823	107	46	14
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	1,180	1,290	1,127	163	1,246	44	57	33
HEAVY EQUIPMENT OPERATOR	17100302	1,080	1,130	993	137	1,015	115	29	10
TRANSPORTATION	4190000	920	990	861	129	861	129	33	15
INFORMATION COMMUNICATION OCCUPATIONS	14040000	290	340	262	78	262	78	11	0
TYPING AND RELATED OCCUPATIONS	14090000	500	530	456	74	542	-12	22	12
OTHER CONSTRUCTION & MAINTENANCE	17109900	1,070	1,100	1,028	72	1,070	30	13	3
PAINTING AND DECORATING	17100500	230	250	184	66	184	66	10	0
AUTO MECHANICS	17030200	480	520	457	63	490	30	16	7
PLUMBING & PIPEFITTING	17100700	340	360	308	52	350	10	10	2
WELDING & CUTTING	17230600	340	370	323	47	369	1	8	2
DENTAL ASSISTANT	7010100	70	90	49	41	49	41	6	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	160	180	139	41	139	41	6	0
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	110	120	82	38	82	38	5	0
TAILORS	17330200	50	60	22	38	22	38	5	0
COMMUNICATIONS	17150100	160	190	153	37	153	37	5	0
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	180	190	156	34	156	34	5	1
CARE & GUIDANCE OF CHILDREN	9020100	130	120	88	32	88	32	3	0
MEDICAL LABORATORY ASSISTING	7020300	80	100	80	20	80	20	3	0
MEDICAL ASSISTANT	7090400	50	70	50	20	50	20	3	0
OFFICE, OTHER	14990000	0	30	17	13	16	14	4	2
RADIO & TV TECHNICIAN	17150300	0	30	17	13	42	-12	4	2
RECREATION AND TOURISM	4180000	100	110	100	10	100	10	1	0
COMPUTER & CONSOLE OCCUPATIONS	14020100	80	90	80	10	80	10	1	0
PROGRAMMERS	14020300	80	90	80	10	80	10	1	0
CIVIL TECHNOLOGY	16010600	50	60	50	10	62	-2	1	0
FIREFIGHTING TRAINING	17280100	110	120	110	10	110	10	1	0
INSTRUMENTAL TECHNOLOGY	16011200	60	70	61	9	72	-2	1	0
APPLIANCE REPAIR	17020000	70	80	71	9	143	-63	1	0
DIESEL MECHANICS	17120000	130	140	131	9	190	-50	1	0
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	0	0	0	0	0	0	0	0
FINANCE AND CREDIT	4040000	30	30	30	0	30	0	0	0
HOTEL & LODGING	4110000	40	40	40	0	40	0	0	0

▪ ▪ ▪ MONROE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ LMA ▪ ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
DENTAL LAB TECH	7010300	0	0	0	0	0	0	0	0
INHALATION THERAPY	7090300	0	0	0	0	0	0	0	0
COMMERCIAL ART OCCUPATIONS	17070000	0	0	0	0	0	0	0	0
SHIP & BOAT OPERATION & MAINTENANCE	17080200	0	0	0	0	0	0	0	0
INDUSTRIAL ELECTRONICS	17140100	0	0	0	0	0	0	0	0
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	60	60	60	0	60	0	0	0
WATCHMAKERS	17210200	0	0	0	0	0	0	0	0
MARITIME OCCUPATIONS	17220000	0	0	0	0	0	0	0	0
MACHINE TOOL OPERATION	17230300	0	0	0	0	0	0	0	0
UPHOLSTERING	17350000	50	50	50	0	50	0	0	0
					(SURPLUS)				
AVIATION OCCUPATION	17040000	0	0	1	-1	6	-6	0	0
CARPENTRY	17100100	480	470	472	-2	506	-36	14	14
SHEET METAL	17230500	100	110	112	-2	117	-7	1	2
MILLWORK & CABINET MAKING	17360100	0	0	2	-2	2	-2	0	0
MECHANICAL TECHNOLOGY	16011300	0	0	12	-12	35	-35	0	2
MACHINE SHOP	17230200	120	130	142	-12	148	-18	1	3
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	110	120	133	-13	185	-65	1	3
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	30	30	49	-19	49	-19	0	3
ELECTRICAL OCCUPATIONS	17140000	450	490	513	-23	541	-51	14	17
OTHER PUBLIC SERVICES	17289900	50	50	74	-24	87	-37	0	3
FORESTRY	1070000	30	1	30	-29	30	-29	-3	0
BUSINESS MACHINE MAINTENANCE	17060000	0	0	30	-30	30	-30	0	4
MASONRY	17100400	40	40	84	-44	84	-44	0	6
AUTO BODY & FENDER REPAIR	17030100	70	100	147	-47	157	-57	4	11
DRAFTING OCCUPATIONS	17130000	130	150	197	-47	255	-105	5	12
COMMERCIAL PHOTOGRAPHY	17090000	0	0	59	-59	64	-64	0	8
AIR CONDITIONING	17010000	80	80	164	-84	345	-265	0	12
BARBERING	17260100	0	0	124	-124	224	-224	0	18
TRUCK DRIVERS	17991900	970	1,020	1,221	-201	1,221	-201	28	57
PRACTICAL NURSING	7030200	350	430	796	-366	1,772	-1,342	27	114
REAL ESTATE	4170000	0	30	462	-432	742	-712	4	66
ORNAMENTAL HORTICULTURE	1050000	0	.	0	.	0	.	.	0
ADVERTISING	4010000	0	.	0	.	0	.	.	0
FLORISTRY	4050000	0	.	0	.	0	.	.	0
FOOD DISTRIBUTION	4060000	0	.	0	.	0	.	.	0
INDUSTRIAL MARKETING	4120000	0	.	0	.	0	.	.	0
INSURANCE	4130000	420	470	.	.	.	.	19	.
PERSONAL SERVICES	4150000	0	.	0	.	0	.	.	0
RETAIL TRADE, OTHER	4200000	0	.	0	.	0	.	.	0
WHOLESALE TRADE OTHER	4310000	140	160	.	.	.	.	9	.
DISTRIBUTIVE EDUCATION	4990000	0	.	0	.	0	.	.	0
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	0	.	0	.	.	0

▪ ▪ ▪ MONROE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFERENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	▪ L M A ▪ ANNUAL AVERAGE TRAINED MANPOWER
OTHER NURSING	7039900	0	.	0	.	10	.	.	0
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	0	.	0	.	.	0
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	0	.	0	.	.	0
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	0	.	0	.	.	0
OTHER BUSINESS DATA PROCESSING	14029900	0	.	0	.	0	.	.	0
INDUSTRIAL TECHNOLOGY	16011100	0	.	0	.	0	.	.	0
FORESTRY TECHNOLOGY	16060300	0	.	0	.	0	.	.	0
OTHER, TECHNICAL	16990000	0	.	0	.	0	.	.	0
WATER AND WASTE TECHNOLOGY	16990200	0	.	0	.	0	.	.	0
CUSTODIAL SERVICE	17110000	1,730	1,940	.	.	.	.	96	.
INDUSTRIAL ELECTRONICS	17150200	0	.	.	.	.	.	.	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	0	.	0	.	.	0
BOOKBINDING	17190600	0	0	.	.	.	.	0	.
OTHER PERSONAL SERVICES	17269900	0	.	0	.	0	.	.	0
SMALL ENGINE REPAIR	17310000	0	.	0	.	32	.	.	0
PUMPING PLANTS	17320200	0	0	.	.	.	.	0	.
SHOE REPAIR	17340200	0	.	.	.	.	.	.	.
▪ ▪ ▪ OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ▪ ▪ ▪									
					(SHORTAGE)				
RECEPTIONISTS AND INFORMATION CLERKS	14040600	200	240	137	103	137	103	15	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	230	250	181	69	181	69	10	0
HEAVY EQUIPMENT MAINTENANCE	17100301	290	320	262	58	262	58	8	0
KEYPUNCH OPERATOR	14020201	140	160	105	55	105	55	8	0
SHIPPING AND RECEIVING CLERKS	14050300	330	340	295	45	295	45	6	0
RADIOLOGIC TECHNOLOGY	7050100	60	80	60	20	60	20	3	0
ROOFERS	17101000	40	50	40	10	41	9	1	0
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	140	150	140	10	142	8	1	0
FARM EQUIPMENT MECHANIC	1030100	0	0	0	0	122	-122	0	0
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	0	0	0	0	0	0	0	0
PERIPHERAL EQUIP OPER	14020200	0	0	0	0	0	0	0	0
SEAMANSHIP	17080100	0	0	0	0	0	0	0	0
CONSTRUCTION, OTHER	17100000	60	60	60	0	60	0	0	0
PLASTERING	17100600	0	0	0	0	3	-3	0	0
MOTOR REPAIR	17140300	0	0	0	0	0	0	0	0
PRINTING AND PRESS	17190200	90	90	90	0	90	0	0	0
STRUCTURAL STEEL WORKERS	17203050	50	50	50	0	51	-1	0	0
INSTRUMENTS	17210100	0	0	0	0	2	-2	0	0
TOOL AND DIEMAKERS	17230700	0	0	0	0	0	0	0	0

▪ ▪ ▪ MONROE ▪ ▪ ▪

LABOR MARKET AREA

TITLE	USOE CODE	LABOR MARKET AREA 1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	1985 TRAINED MANPOWER WITHIN DISTRICT (DS)	1985 DIFFER-ENCE (D-DS)	▪ L M A ▪ ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
METALMAKING OCCUPATIONS, OTHER	17239900	0	0	0	0	0	0	0	0
PLASTIC OCCUPATIONS	17270000	50	50	50	0	56	-6	0	0
OTHER TRADES AND INDUSTRIES	17990000	0	0	0	0	0	0	0	0
					(SURPLUS)				
GLAZIERS	17100900	0	0	1	-1	1	-1	0	0
SURGICAL TECHNOLOGY	7030500	30	40	49	-9	64	-24	1	3
SOIL SCIENCE	1060300	0	0	15	-15	28	-28	0	2
COMMERCIAL PILOTS	16060100	0	0	15	-15	15	-15	0	2
OFFICE MACHINE OPER	14010400	30	30	104	-74	104	-74	0	11
AGRICULTURAL CHEMICALS	1020100	0	.	.	.	.	.	.	.
DENTAL HYGIENE	7010200	0	30	.	.	.	.	4	.
OCCUPATIONAL THERAPY	7040100	0	0	.	.	.	.	0	.
NUCLEAR TECHNOLOGY	7050300	0	.	0	.	0	.	.	0
OPHTHALMIC DISPENSING	7060100	0	0	.	.	.	.	0	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	0	.	0	.	.	0
TELLERS	14010500	280	370	.	.	.	.	21	.
SYSTEMS ANALYST	14020000	40	50	.	.	.	.	1	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	0	.	0	.	.	0
AUTOMOTIVE TECHNOLOGY	16010400	0	.	0	.	0	.	.	0
BROADCAST TECHNOLOGY	16060800	0	.	0	.	0	.	.	0
DRYWALL INSTALLATION	17100800	0	0	.	.	.	.	0	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	70	70	.	.	.	.	0	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	0	0	.	.	.	.	0	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	0	.	0	.	.	0
GAGERS	61083620	0	.	0	.	1	.	.	0
EXTERMINATORS	61089204	30	40	.	.	.	.	1	.

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
*** OCCUPATIONS TRAINED BY VO-TECH & OTHER SCHOOLS ***							
GENERAL MERCHANDISE	4080000	46,830	53,380	36,521	16,859	2,710	301
LAW ENFORCEMENT TRAINING	17280200	23,900	30,180	15,118	15,062	2,288	136
HEAVY EQUIPMENT OPERATOR	17100302	37,700	45,050	31,526	13,524	1,984	52
FOOD SERVICES	4070000	19,860	26,520	15,564	10,956	1,620	55
STENO SECRETARIAL & RELATED OCCUPATIONS	14070000	36,930	44,580	33,702	10,878	2,448	894
TRANSPORTATION	4190000	28,600	33,780	23,081	10,699	1,543	15
OTHER CONSTRUCTION & MAINTENANCE	17109900	36,210	43,430	32,758	10,672	1,760	236
QUANTITY FOOD OCCUPATIONS	17290000	22,250	27,980	17,375	10,605	1,580	65
FILING, OFFICE MACHINES, CLERICAL OCCUPATI	14030000	34,030	40,800	30,316	10,484	2,441	943
ACCOUNTING & COMPUTING OCCUPATIONS	14010000	23,500	28,120	19,771	8,349	1,589	396
TRUCK DRIVERS	17991900	30,630	35,600	28,870	6,730	1,412	451
NURSING ASSISTANT AIDE	7030300	21,940	27,950	21,274	6,676	1,687	733
TYPING AND RELATED OCCUPATIONS	14090000	14,290	17,320	12,967	4,353	966	344
STATIONARY ENERGY SOURCES OCCUPATIONS	17320000	6,720	8,610	4,950	3,660	523	0
TEXTILE PRODUCTION AND FABRICATION, OTHER	17339900	9,250	9,880	7,040	2,840	406	0
PAINTING AND DECORATING	17100500	5,700	7,330	4,572	2,758	430	36
PLUMBING & PIPEFITTING	17100700	11,090	13,670	10,973	2,697	651	265
ELECTRICAL OCCUPATIONS	17140000	11,420	14,260	12,024	2,236	636	316
CARPENTRY	17100100	13,540	15,250	13,121	2,129	707	403
AUTO MECHANICS	17030200	12,840	15,190	13,293	1,897	614	343
CARE & GUIDANCE OF CHILDREN	9020100	4,410	4,800	3,018	1,782	300	45
RECREATION AND TOURISM	4180000	3,590	4,330	2,781	1,549	234	12
INFORMATION COMMUNICATION OCCUPATIONS	14040000	2,970	3,690	2,351	1,339	218	27
FIREFIGHTING TRAINING	17280100	3,410	4,410	3,146	1,264	191	10
OTHER PUBLIC SERVICES	17289900	2,370	2,860	1,770	1,090	175	19
SHEET METAL	17230500	2,720	3,510	2,494	1,016	175	30
MEDICAL LABORATORY ASSISTING	7020300	2,450	3,120	2,140	980	165	25
HOTEL & LODGING	4110000	1,670	2,150	1,187	963	143	5
COMMUNICATIONS	17150100	4,580	5,220	4,295	925	132	0
DENTAL ASSISTANT	7010100	1,650	2,170	1,313	857	137	15
MEDICAL ASSISTANT	7090400	1,360	1,800	1,007	793	115	2
MACHINE TOOL OPERATION	17230300	2,270	2,640	1,849	791	116	3
SHIP & BOAT OPERATION & MAINTENANCE	17080200	1,350	1,770	994	776	111	0
TAILORS	17330200	1,520	1,730	990	740	133	27
ACCOUNTING AND COMPUTING OCCUPATIONS ,OTHE	14019900	1,740	2,030	1,325	705	103	3
MASONRY	17100400	2,160	2,830	2,157	673	148	52
INSTRUMENT MAINTENANCE & REPAIR OCCUPATION	17210000	2,040	2,430	1,808	622	108	19
INSTRUMENTAL TECHNOLOGY	16011200	3,170	3,800	3,234	566	139	58
CIVIL TECHNOLOGY	16010600	1,760	2,360	1,849	511	111	38
MILLWORK & CABINET MAKING	17360100	1,660	1,760	1,258	502	72	1

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
OFFICE, OTHER	14990000	1,060	1,350	862	488	94	25
DIESEL MECHANICS	17120000	4,120	5,080	4,661	419	229	169
MACHINE SHOP	17230200	4,440	5,200	4,799	401	222	164
COMMERCIAL PHOTOGRAPHY	17090000	1,110	1,340	1,007	333	57	9
FORESTRY	1070000	800	960	636	324	55	9
FINANCE AND CREDIT	4040000	820	1,040	723	317	58	13
BUSINESS MACHINE MAINTENANCE	17060000	1,190	1,390	1,110	280	48	8
SUPERVISORS & ADMIN MGMT OCCUPATIONS	14080000	6,550	7,650	7,381	269	298	260
AVIATION OCCUPATION	17040000	900	1,100	899	201	40	11
DENTAL LAB TECH	7010300	560	740	561	179	41	15
PROGRAMMERS	14020300	2,070	2,830	2,654	176	133	107
COMMERCIAL ART OCCUPATIONS	17070000	390	470	352	118	26	10
COMPUTER & CONSOLE OCCUPATIONS	14020100	2,110	2,580	2,513	67	92	83
APPLIANCE REPAIR	17020000	1,780	2,100	2,041	59	88	79
WATER AND WASTE TECHNOLOGY	16990200	120	140	137	3	7	6
OTHER AGRICULTURAL SUPPLIES & SERVICES	1029900	510	520	520	0	10	10
WATCHMAKERS	17210200	50	60	72	-12	1	3
INDUSTRIAL ELECTRONICS	17140100	550	640	661	-21	22	25
UPHOLSTERING	17350000	470	540	566	-26	23	27
MARITIME OCCUPATIONS	17220000	590	760	908	-148	38	59
INHALATION THERAPY	7090300	280	360	534	-174	19	44
RADIO & TV TECHNICIAN	17150300	760	960	1,180	-220	47	78
SMALL ENGINE REPAIR	17310000	0	0	254	-254	0	36
AUTO BODY & FENDER REPAIR	17030100	2,240	2,690	3,033	-343	107	156
DRAFTING OCCUPATIONS	17130000	5,110	6,480	7,320	-840	271	391
MECHANICAL TECHNOLOGY	16011300	160	210	1,149	-939	8	142
AIR CONDITIONING	17010000	2,270	3,040	4,113	-1,073	145	298
ELECTRIC AND ELECTRONICS TECHNOLOGY	16010700	4,020	5,030	7,538	-2,508	194	553
WELDING & CUTTING	17230600	16,200	19,320	21,852	-2,532	682	1,043
BARBERING	17260100	440	500	3,384	-2,884	40	483
PRACTICAL NURSING	7030200	9,640	12,280	16,271	-3,991	816	2,324
REAL ESTATE	4170000	850	1,130	14,213	-13,083	96	2,030
ORNAMENTAL HORTICULTURE	1050000	0	.	35	.	.	5
ADVERTISING	4010000	0	.	17	.	.	2
FLORISTRY	4050000	0	.	445	.	.	64
FOOD DISTRIBUTION	4060000	0	.	269	.	.	38
INDUSTRIAL MARKETING	4120000	0	.	32	.	.	5
INSURANCE	4130000	7,080	8,220	.	.	365	.
PERSONAL SERVICES	4150000	0	.	122	.	.	17
RETAIL TRADE, OTHER	4200000	0	.	90	.	.	13
WHOLESALE TRADE OTHER	4310000	3,500	4,240	.	.	262	.
DISTRIBUTIVE EDUCATION	4990000	0	.	210	.	.	30
OTHER MEDICAL LABORATORY TECHNOLOGY	7029900	0	.	10	.	.	1

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOYMENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFERENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
OTHER NURSING	7039900	0	.	105	.	.	15
MEDICAL EMERGENCY TECHNICIAN	7090700	0	.	.	.	.	.
OTHER HEALTH OCCUPATIONS	7990000	0	.	527	.	.	75
FOOD MANAGEMENT, PRODUCTION & SERVICE	9020300	0	.	331	.	.	47
HOME ECONOMICS OCCUPATION, OTHER	9029900	0	.	62	.	.	9
OTHER BUSINESS DATA PROCESSING	14029900	0	.	148	.	.	21
INDUSTRIAL TECHNOLOGY	16011100	0	.	80	.	.	11
FORESTRY TECHNOLOGY	16060300	0	.	14	.	.	2
OTHER, TECHNICAL	16990000	0	.	18	.	.	3
CUSTODIAL SERVICE	17110000	50,520	62,250	.	.	3,706	.
INDUSTRIAL ELECTRONICS	17150200	40	50	.	.	1	.
GRAPHIC ARTS, OCCUPATIONS	17190000	0	.	76	.	.	11
BOOKBINDING	17190600	540	640	.	.	26	.
OTHER PERSONAL SERVICES	17269900	0	.	25	.	.	4
PUMPING PLANTS	17320200	2,990	3,910	.	.	242	.
SHOE REPAIR	17340200	90	110	.	.	11	.
*** OCCUPATIONS NOT TRAINED BY VO-TECH SCHOOLS ***							
					(SHORTAGE)		
HEAVY EQUIPMENT MAINTENANCE	17100301	10,600	12,790	9,007	3,783	547	6
RECEPTIONISTS AND INFORMATION CLERKS	14040600	5,870	7,350	4,065	3,285	483	14
SEAMANSHIP	17080100	7,260	9,580	6,393	3,187	455	0
BUILDING MAINTENANCE OCCUPATIONS	17099000	5,640	7,210	4,397	2,813	417	15
SHIPPING AND RECEIVING CLERKS	14050300	7,980	9,160	6,560	2,600	372	0
KEYPUNCH OPERATOR	14020201	3,770	4,600	3,096	1,504	248	33
REPAIR AND MAINTENANCE, GASOLINE POWERED E	17991800	3,510	4,180	2,928	1,252	186	7
STRUCTURAL STEEL WORKERS	17203050	1,670	1,990	1,416	574	83	1
ROOFERS	17101000	990	1,340	815	525	79	4
RADIOLOGIC TECHNOLOGY	7050100	1,730	2,190	1,761	429	104	42
CONSTRUCTION, OTHER	17100000	2,430	3,000	2,607	393	135	79
SURGICAL TECHNOLOGY	7030500	780	980	639	341	58	9
GLAZIERS	17100900	730	950	647	303	48	5
INSTRUMENTS	17210100	660	900	605	295	51	9
PLASTERING	17100600	600	800	531	269	53	14
ELECTROCARDIOGRAPH TECHNOLOGY	7090200	500	630	400	230	37	4
OFFICE MACHINE OPER	14010400	800	960	754	206	43	13
TOOL AND DIEMAKERS	17230700	440	520	363	157	24	2
MOTOR REPAIR	17140300	460	640	504	136	26	6
PRINTING AND PRESS	17190200	1,300	1,490	1,405	85	49	37
PLASTIC OCCUPATIONS	17270000	2,150	2,600	2,534	66	110	101
METALMAKING OCCUPATIONS, OTHER	17239900	80	90	81	9	1	0

*** STATE SUMMARY ***

TITLE	USOE CODE	1978 EMPLOY-MENT	1985 DEMAND (D)	1985 TRAINED MANPOWER	1985 DIFFER-ENCE BETWEEN DEMAND & TRAINED MANPOWER	ANNUAL AVERAGE TOTAL OPENINGS	ANNUAL AVERAGE TRAINED MANPOWER
PERIPHERAL EQUIP OPER	14020200	180	230	239	-9	9	10
OTHER TRADES AND INDUSTRIES	17990000	190	180	205	-25	0	2
FARM EQUIPMENT MECHANIC	1030100	170	220	277	-57	12	20
SOIL SCIENCE	1060300	140	160	402	-242	6	40
COMMERCIAL PILOTS	16060100	1,150	1,420	1,958	-538	50	126
AGRICULTURAL CHEMICALS	1020100	30	40	.	.	1	.
DENTAL HYGIENE	7010200	550	730	.	.	51	.
OCCUPATIONAL THERAPY	7040100	120	150	.	.	7	.
NUCLEAR TECHNOLOGY	7050300	0	.	6	.	.	1
OPHTHALMIC DISPENSING	7060100	660	870	.	.	47	.
HOME FURNISHINGS, EQUIPMENT & SERVICES	9020400	0	.	7	.	.	1
TELLERS	14010500	6,230	8,130	.	.	455	.
SYSTEMS ANALYST	14020000	1,680	2,050	.	.	72	.
AERONAUTICAL TECHNOLOGY	16010100	0	.	48	.	.	7
AUTOMOTIVE TECHNOLOGY	16010400	0	.	203	.	.	29
BROADCAST TECHNOLOGY	16060800	0	.	18	.	.	3
DRYWALL INSTALLATION	17100800	790	1,040	.	.	46	.
COMPOSITION, MAKEUP AND TYPESETTING	17190100	1,130	1,290	.	.	59	.
PHOTOENGRAVER, LITHOGRAPHER	17190300	380	440	.	.	14	.
HANDCRAFTED GLASSMAKING SKILLS	17992500	0	.	1	.	.	0
GAGERS	61083620	0	.	2	.	.	0
EXTERMINATORS	61089204	850	1,260	.	.	81	.

Appendix C: Crosswalk

OES codes that make up each USOE code

OCCUPATIONAL & EDUCATIONAL CODE CROSSWALK

USOE CODE	USOE TITLE	OES CODE	OES SURVEY-BASED MATRIX CODE TITLE
1020100	AGRICULTURAL CHEMICALS	61089211	TERMITE TREATER HELPERS
1029900	OTHER AGRICULTURAL SUPPLIES & SERVICES	80000200	ANIMAL CARETAKERS
1030100	FARM EQUIPMENT MECHANIC	50081600	FARM EQUIPMENT MECHANICS
1050000	ORNAMENTAL HORTICULTURE	*	
1060300	SOIL SCIENCE	10040200	AGRICULTURAL SCIENTISTS
1070000	FORESTRY	80002831	FOREST CONSERVATION WORKERS
4010000	ADVERTISING		
4040000	FINANCE AND CREDIT	40066820	SAFE DEPOSIT CLERKS
4040000	FINANCE AND CREDIT	40060201	NEW ACCOUNTS TELLERS
4040000	FINANCE AND CREDIT	10243810	CREDIT ANALYSTS
4050000	FLORISTRY		
4060000	FOOD DISTRIBUTION		
4070000	FOOD SERVICES	70041804	FD PREP & SERV WKRS,FAST FD REST
4070000	FOOD SERVICES	70041601	HOSTS/HOSTESSES,REST,LNGE,COF SH
4080000	GENERAL MERCHANDISE	30001802	SALES CLERKS
4110000	HOTEL & LODGING	40061603	DESK CLERKS
4120000	INDUSTRIAL MARKETING		
4130000	INSURANCE	40062800	CLAIM ADJUSTERS
4130000	INSURANCE	30001005	SALES AGENTS,SALES REPS,INSURNCE
4130000	INSURANCE	10243815	INVESTIGATORS,INSURANCE
4150000	PERSONAL SERVICES		
4170000	REAL ESTATE	30001400	REAL ESTATE AGENTS,BROKERS
4170000	REAL ESTATE	10243816	APPRAISERS,REAL ESTATE
4180000	RECREATION AND TOURISM	70080401	RECREATION FACILITY ATTENDANTS
4180000	RECREATION AND TOURISM	40064804	TRAVEL COUNSELORS,AUTO CLUB
4180000	RECREATION AND TOURISM	40061608	DESK CLERKS,BOWLING FLOOR
4180000	RECREATION AND TOURISM	10243821	TRAVEL AGTS,TR ACCOM APPRAISERS
4180000	RECREATION AND TOURISM	10243200	RECREATION WORKERS
4190000	TRANSPORTATION	80002000	STOCK HANDLERS
4190000	TRANSPORTATION	80001000	FREIGHT,MATERIAL HANDLERS
4190000	TRANSPORTATION	62002007	CHAUFFEURS
4190000	TRANSPORTATION	62002004	TAXI DRIVERS
4190000	TRANSPORTATION	62000400	BUS DRIVERS
4190000	TRANSPORTATION	40066404	TRANSPORTATION AGENTS
4190000	TRANSPORTATION	30001805	CRATING & MOVING ESTIMATORS
4190000	TRANSPORTATION	20061200	RAILROAD CONDUCTORS
4200000	RETAIL TRADE, OTHER		
4310000	WHOLESALE TRADE OTHER	20061615	WHOLESALERS
4990000	DISTRIBUTIVE EDUCATION		
7010100	DENTAL ASSISTANT	10120401	DENTAL ASSISTANTS
7010200	DENTAL HYGIENE	10120402	DENTAL HYGIENISTS
7010300	DENTAL LAB TECH	50141200	DENTAL LAB TECHNICIANS
7020300	MEDICAL LABORATORY ASSISTING	10120206	MEDICAL LAB ASSISTANTS
7020300	MEDICAL LABORATORY ASSISTING	10120201	MEDICAL LAB TECHNOLOGISTS
7029900	OTHER MEDICAL LABORATORY TECHNOLOGY		
7030200	PRACTICAL NURSING	10121010	LICENSED PRACTICAL NURSES
7030300	NURSING ASSISTANT AIDE	70061010	NURSES AIDES/ORDERLIES

* THE BLANK SPACES INDICATE THAT THERE WAS NO CORRESPONDING OES CODE

OCCUPATIONAL & EDUCATIONAL CODE CROSSWALK

USOE CODE	USOE TITLE	OES CODE	OES SURVEY-BASED MATRIX CODE TITLE
7030500	SURGICAL TECHNOLOGY	10121002	SURGICAL TECHNICIANS
7039900	OTHER NURSING	*	
7040100	OCCUPATIONAL THERAPY	10101801	OCCUPATIONAL THERAPISTS
7050100	RADIOLOGIC TECHNOLOGY	10120800	RADIOLOGIC TECHNOLS,TECHNS
7050300	NUCLEAR TECHNOLOGY		
7060100	OPHTHALMIC DISPENSING	50143002	OPTICIANS,DISP &/OR OPTIC MECHS
7090200	ELECTROCARDIOGRAPH TECHNOLOGY	10121006	EKG TECHNICIANS
7090300	INHALATION THERAPY	10101809	INHALATION THERAPISTS
7090400	MEDICAL ASSISTANT	70061013	MEDICAL ASSISTANTS
7090700	MEDICAL EMERGENCY TECHNICIAN		
7990000	OTHER HEALTH OCCUPATIONS		
9020100	CARE & GUIDANCE OF CHILDREN	70081600	CHILD CARE WORKERS,EX PRIVATE
9020300	FOOD MANAGEMENT, PRODUCTION & SERVICE		
9020400	HOME FURNISHINGS, EQUIPMENT & SERVICES		
9029900	HOME ECONOMICS OCCUPATION, OTHER		
14010000	ACCOUNTING & COMPUTING OCCUPATIONS	40060600	BOOKKEEPERS
14010400	OFFICE MACHINE OPER	40041400	ALL OTHER OFFICE MACHINE OPS
14010500	TELLERS	40060203	TELLERS
14019900	ACCOUNTING AND COMPUTING OCCUPATIONS ,OT	10240204	TAX PREPARERS
14019900	ACCOUNTING AND COMPUTING OCCUPATIONS ,OT	10240203	TAX EXAMINERS,COLLECTRS,REV AGTS
14020000	SYSTEMS ANALYST	10160400	COMPUTER SYSTEMS ANALYSTS
14020100	COMPUTER & CONSOLE OCCUPATIONS	40040601	COMPUTER OPERATORS
14020200	PERIPHERAL EQUIP OPER	40040602	PERIPHERAL EDP EQPT OPERATORS
14020201	KEYPUNCH OPERATOR	40041000	KEYPUNCH OPERATORS
14020300	PROGRAMMERS	10160200	COMPUTER PROGRAMERS
14029900	OTHER BUSINESS DATA PROCESSING		
14030000	FILING, OFFICE MACHINES, CLERICAL OCCUPA	40066811	GENERAL CLERKS,OFFICE
14030000	FILING, OFFICE MACHINES, CLERICAL OCCUPA	40062601	FILE CLERKS
14040000	INFORMATION COMMUNICATION OCCUPATIONS	40066201	SWITCHBOARD OPERATORS
14040000	INFORMATION COMMUNICATION OCCUPATIONS	40066000	TELEGRAPH OPERATORS
14040600	RECEPTIONISTS AND INFORMATION CLERKS	40064802	RECEPTIONISTS
14050300	SHIPPING AND RECEIVING CLERKS	40065002	SHIPPING PACKERS
14050300	SHIPPING AND RECEIVING CLERKS	40065001	SHIPPING & RECEIVING CLERKS
14070000	STENO SECRETARIAL & RELATED OCCUPATIONS	40020400	STENOGRAPHERS
14070000	STENO SECRETARIAL & RELATED OCCUPATIONS	40020200	SECRETARIES
14080000	SUPERVISORS & ADMIN MGMT OCCUPATIONS	10243899	ALL OTHER PROFESSIONAL
14090000	TYPING AND RELATED OCCUPATIONS	40020600	TYPISTS
14990000	OFFICE, OTHER	40066842	MORTGAGE CLOSING CLERKS
14990000	OFFICE, OTHER	40066840	TOWN CLERKS
14990000	OFFICE, OTHER	40065216	COURT CLERKS
16010100	AERONAUTICAL TECHNOLOGY		
16010400	AUTOMOTIVE TECHNOLOGY		
16010600	CIVIL TECHNOLOGY	61081000	SURVEYORS HELPERS
16010600	CIVIL TECHNOLOGY	10081816	CIVIL ENGINEERING TECHNICIANS
16010700	ELECTRIC AND ELECTRONICS TECHNOLOGY	10080808	BROADCAST TECHNICIANS
16010700	ELECTRIC AND ELECTRONICS TECHNOLOGY	10080803	ELECTRICAL & ELECTRONIC TECHNS
16011100	INDUSTRIAL TECHNOLOGY		

* THE BLANK SPACES INDICATE THAT THERE WAS NO CORRESPONDING OES CODE

OCCUPATIONAL & EDUCATIONAL CODE CROSSWALK

USOE CODE	USOE TITLE	OES CODE	OES SURVEY-BASED MATRIX CODE TITLE
16011200	INSTRUMENTAL TECHNOLOGY	10081899	ALL OTHER SCI TECH
16011300	MECHANICAL TECHNOLOGY	10081400	MECHANICAL ENGINEERING TECHNS
16060100	COMMERCIAL PILOTS	10140200	AIRPLANE PILOTS
16060300	FORESTRY TECHNOLOGY	*	
16060800	BROADCAST TECHNOLOGY		
16990000	OTHER, TECHNICAL		
16990200	WATER AND WASTE TECHNOLOGY	50144021	WASTE TREATMENT PLANT OPS,CHEM
17010000	AIR CONDITIONING	50080200	AIR COND,HEATING,REFRIG MECHS
17020000	APPLIANCE REPAIR	50082000	HOUSEHOLD APPLIANCE MECHANICS
17030100	AUTO BODY & FENDER REPAIR	61084201	PAINTERS,AUTOMOTIVE
17030100	AUTO BODY & FENDER REPAIR	50080800	AUTO BODY REPAIRERS
17030200	AUTO MECHANICS	50081001	AUTOMOTIVE MECHANICS
17040000	AVIATION OCCUPATION	50080400	AIRCRAFT MECHANICS
17060000	BUSINESS MACHINE MAINTENANCE	50083215	COIN MACHINE SERVICERS,REPAIRERS
17060000	BUSINESS MACHINE MAINTENANCE	50082400	OFF MACH SERVICERS/CASH REG SERV
17060000	BUSINESS MACHINE MAINTENANCE	50081400	DATA PROCESSING MACH MECHANICS
17070000	COMMERCIAL ART OCCUPATIONS	10221601	COMMERCIAL ARTISTS
17080100	SEAMANSHIP	61084800	SAILORS & DECKHANDS
17080200	SHIP & BOAT OPERATION & MAINTENANCE	50144026	SHIP ENGINEERS
17090000	COMMERCIAL PHOTOGRAPHY	61084400	PHOTOGRAPHIC PROCESS WORKERS
17090000	COMMERCIAL PHOTOGRAPHY	10221802	TELEVISION CAMERA OPERATORS
17090000	COMMERCIAL PHOTOGRAPHY	10221801	PHOTOGRAPHERS
17099000	BUILDING MAINTENANCE OCCUPATIONS	50022200	PAINTERS,CONSTRUCTION,MAINT
17100000	CONSTRUCTION, OTHER	61080200	ASBESTOS & INSULATION WORKERS
17100100	CARPENTRY	50020201	CARPENTERS
17100301	HEAVY EQUIPMENT MAINTENANCE	50081807	MAINTENANCE MECHANICS
17100301	ENGINEERING EQUIPMENT MECHANIC	50081806	MARINE MECHANICS/REPAIRERS
17100301	HEAVY EQUIPMENT MAINTENANCE	50081805	MINE MACHINERY MECHANICS
17100301	HEAVY EQUIPMENT MAINTENANCE	50081803	ENGINEERING EQUIPMT MECHANICS
17100302	HEAVY EQUIPMENT OPERATOR	80002822	RIGGERS
17100302	HEAVY EQUIPMENT OPERATOR	63000000	ALL OTHER SEMISKILLED WORKERS
17100302	HEAVY EQUIPMENT OPERATOR	61083805	ASPHALT MIXERING MACH TENDERS
17100302	HEAVY EQUIPMENT OPERATOR	50140803	YARDER ENGINEERS
17100302	HEAVY EQUIPMENT OPERATOR	50140802	LOADER ENGINEERS
17100302	HEAVY EQUIPMENT OPERATOR	50140801	CRANE,DERRICK,& HOIST OPERATORS
17100302	HEAVY EQUIPMENT OPERATOR	50120400	LOCOMOTIVE ENGINEERS
17100302	HEAVY EQUIPMENT OPERATOR	50021809	BATCH PLANT OPERATORS
17100302	HEAVY EQUIPMENT OPERATOR	50021807	HEAVY EQUIPMENT OPERATORS
17100302	HEAVY EQUIPMENT OPERATOR	50021806	FORM TAMPER OPERATORS,ETC
17100302	HEAVY EQUIPMENT OPERATOR	50021805	FINE-GRADERS
17100302	HEAVY EQUIPMENT OPERATOR	50021802	CONCRETE MIXER OPERATORS
17100302	HEAVY EQUIPMENT OPERATOR	50021000	LOGGING TRACTOR OPERATORS
17100400	MASONRY	50024002	CEILING TILE INSTALLRS,FLR LAYRS
17100400	MASONRY	50024001	TILE SETTERS
17100400	MASONRY	50020606	REFRACTORY MATERIALS REPAIRERS
17100400	MASONRY	50020602	STONE MASONS

* THE BLANK SPACES INDICATE THAT THERE WAS NO CORRESPONDING OES CODE

OCCUPATIONAL & EDUCATIONAL CODE CROSSWALK

USOE CODE	USOE TITLE	OES CODE	OES SURVEY-BASED MATRIX CODE TITLE
17100400	MASONRY	50020601	BRICKLAYERS
17100500	PAINTING AND DECORATING	50022600	PAPERHANGERS
17100500	PAINTING AND DECORATING	50022200	PAINTERS,CONSTRUCTION,MAINT
17100600	PLASTERING	61082002	LATHERS
17100600	PLASTERING	50022800	PLASTERERS
17100700	PLUMBING & PIPEFITTING	50082009	WATER METER INSTALLERS
17100700	PLUMBING & PIPEFITTING	50023203	PLUMBERS &/OR PIPEFITTERS
17100700	PLUMBING & PIPEFITTING	50023202	FITTERS,PIPELAYING
17100800	DRYWALL INSTALLATION	61082003	TAPERS
17100800	DRYWALL INSTALLATION	61082001	DRY WALL APPLICATORS
17100900	GLAZIERS	50141800	GLAZIERS
17101000	ROOFERS	50023600	ROOFERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000629	ASPHALT RAKERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000628	HIGHWAY MAINTENANCE WORKERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000610	REINFORCING-IRON WORKERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000609	PIPELAYERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000607	FENCE ERECTORS
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000603	FORM SETTERS,METAL ROAD FORM
17109900	OTHER CONSTRUCTION & MAINTENANCE	80000601	AIR HAMMER OPERATORS
17109900	OTHER CONSTRUCTION & MAINTENANCE	61082402	SANDBLASTERS/SHOTBLASTERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	61081800	DRILLERS,EARTH
17109900	OTHER CONSTRUCTION & MAINTENANCE	61080602	BLASTERS,CONSTRUCTION
17109900	OTHER CONSTRUCTION & MAINTENANCE	50144825	MOBILE HOME REPAIRERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	50144821	MAINTENANCE REPAIRERS,GEN UTIL
17109900	OTHER CONSTRUCTION & MAINTENANCE	50120202	LINE INSTALLERS,REPAIRERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	50083230	SIGN ERECTORS
17109900	OTHER CONSTRUCTION & MAINTENANCE	50061600	MILLWRIGHTS
17109900	OTHER CONSTRUCTION & MAINTENANCE	50060400	BOILERMAKERS
17109900	OTHER CONSTRUCTION & MAINTENANCE	50021200	CEMENT & CONCRETE FINISHERS
17110000	CUSTODIAL SERVICE	70020600	JANITORS & SEXTONS
17120000	DIESEL MECHANICS	50083222	DIESEL MECHANICS
17130000	DRAFTING OCCUPATIONS	10080600	DRAFTERS
17140000	ELECTRICAL OCCUPATIONS	50021400	ELECTRICIANS
17140100	INDUSTRIAL ELECTRONICS	50083225	PINSETTER MECHANICS,AUTOMATIC
17140100	INDUSTRIAL ELECTRONICS	50083220	PROTECTIVE SIGNAL INST/REPAIRERS
17140100	INDUSTRIAL ELECTRONICS	50082002	ELECTRIC METER INSTALLERS,ETC
17140100	INDUSTRIAL ELECTRONICS	50081804	HYDROELECTRIC MACHINE MECHS,ETC
17140300	MOTOR REPAIR	50083204	ELECTRIC MOTOR REPAIRERS
17150100	COMMUNICATIONS	50121000	TELEPHONE INSTALLERS,REPAIRERS
17150200	INDUSTRIAL ELECTRONICS	50144824	FIELD MECHANICAL METER TESTERS
17150300	RADIO & TV TECHNICIAN	50082600	RADIO,TELEVISION REPAIRERS
17190000	GRAPHIC ARTS, OCCUPATIONS	*	
17190100	COMPOSITION, MAKEUP AND TYPESETTING	50100400	COMPOSITORS & TYPESETTERS
17190200	PRINTING AND PRESS	50101200	PRESS & PLATE PRINTERS
17190300	PHOTOENGRAVER, LITHOGRAPHER	50101000	PHOTOENGRAVERS,LITHOGRAPHERS
17190600	BOOKBINDING	50100200	BOOKBINDERS

* THE BLANK SPACES INDICATE THAT THERE WAS NO CORRESPONDING OES CODE

OCCUPATIONAL & EDUCATIONAL CODE CROSSWALK

USOE CODE	USOE TITLE	OES CODE	OES SURVEY-BASED MATRIX CODE TITLE
17203050	STRUCTURAL STEEL WORKERS	50023800	STRUCTURAL STEEL WORKERS
17210000	INSTRUMENT MAINTENANCE & REPAIR OCCUPATI	50083221	INSTRUMENT REPAIRERS
17210100	INSTRUMENTS	50143002	OPTICIANS,DISP &/OR OPTIC MECHS
17210100	INSTRUMENTS	50143001	LENS GRINDERS
17210200	WATCHMAKERS	50142402	WATCHMAKERS
17220000	MARITIME OCCUPATIONS	50081806	MARINE MECHANICS/REPAIRERS
17230200	MACHINE SHOP	50062203	PATTERNMAKERS,METAL
17230200	MACHINE SHOP	50061206	MACHINISTS
17230200	MACHINE SHOP	50061202	LAYOUT MARKERS,METAL
17230300	MACHINE TOOL OPERATION	61082401	FILERS,GRINDERS,BUFFERS,CHIPPERS
17230300	MACHINE TOOL OPERATION	61021006	LATHE MACH OPERATORS,METAL
17230300	MACHINE TOOL OPERATION	61020600	GRINDING/ABRADING MACH OPS,METAL
17230300	MACHINE TOOL OPERATION	50061007	PUNCH PRESS SETTERS,METAL
17230500	SHEET METAL	50062000	SHEET METAL WORKERS,TINSMITHS
17230600	WELDING & CUTTING	61022000	WELDERS & FLAME CUTTERS
17230700	TOOL AND DIEMAKERS	50063000	TOOLMAKERS & DIEMAKERS
17239900	METALMAKING OCCUPATIONS, OTHER	50100803	ETCHERS &/OR ENGRAVERS
17239900	METALMAKING OCCUPATIONS, OTHER	50083208	GUNSMITHS
17239900	METALMAKING OCCUPATIONS, OTHER	50060200	BLACKSMITHS
17260100	BARBERING	70081000	BARBERS
17269900	OTHER PERSONAL SERVICES	*	
17270000	PLASTIC OCCUPATIONS	61087645	COMPR &/OR INJECT MOLD MA OPS,PL
17270000	PLASTIC OCCUPATIONS	61087291	CHEMICAL OPERATORS B
17280100	FIREFIGHTING TRAINING	70100401	FIRE FIGHTERS
17280200	LAW ENFORCEMENT TRAINING	70101201	SHERIFFS
17280200	LAW ENFORCEMENT TRAINING	70101000	POLICE & DETECTIVES
17280200	LAW ENFORCEMENT TRAINING	70100607	CORRECTION OFFICERS &/OR JAILERS
17280200	LAW ENFORCEMENT TRAINING	70100601	GUARDS & DOORKEEPERS
17289900	OTHER PUBLIC SERVICES	20040800	INSPECTORS,EX CONST,PUB ADM
17289900	OTHER PUBLIC SERVICES	20040400	CONSTRUCTION INSPECTORS,PUB AD
17290000	QUANTITY FOOD OCCUPATIONS	70041400	BUTCHERS &/OR MEAT CUTTERS
17290000	QUANTITY FOOD OCCUPATIONS	70040800	COOKS,EX PRIVATE
17290000	QUANTITY FOOD OCCUPATIONS	70040200	BAKERS,BREAD &/OR PASTRY
17290000	QUANTITY FOOD OCCUPATIONS	61089003	BAKER HELPERS
17290000	QUANTITY FOOD OCCUPATIONS	61086292	OVEN OPERATORS
17290000	QUANTITY FOOD OCCUPATIONS	50140202	BAKERS
17310000	SMALL ENGINE REPAIR	50083207	GASOLINE ENGINE,MOWER REPAIRERS
17320000	STATIONARY ENERGY SOURCES OCCUPATIONS	50144000	STATIONARY ENGINEERS
17320200	PUMPING PLANTS	50144025	WATER TREATMENT PLANT OPERATORS
17320200	PUMPING PLANTS	50144019	PUMP STAT OPERATORS,WATERWORKS
17320200	PUMPING PLANTS	50144010	PUMPERS,HEAD
17320200	PUMPING PLANTS	50144008	OIL PUMPERS
17320200	PUMPING PLANTS	50144004	AUXILIARY EQUIPMENT OPERATORS
17330200	TAILORS	61081600	DRESSMAKERS,EX FACTORY

* THE BLANK SPACES INDICATE THAT THERE WAS NO CORRESPONDING OES CODE

OCCUPATIONAL & EDUCATIONAL CODE CROSSWALK

USOE CODE	USOE TITLE	OES CODE	OES SURVEY-BASED MATRIX CODE TITLE
17330200	TAILORS	50144401	ALTERATION TAILORS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61089071	THREAD TRIMMERS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61085220	SEWING MACH OPS,REG EQMT,GARMENT
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61085215	SEWING MACH OPS,SPEC EQMT,NONGAR
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61085212	GARMENT REPAIRERS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61085204	MENDERS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61081208	SHAPERS & PRESSERS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61060803	BUNDLERS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61041004	BOARDING MACH OPERATORS,HOSIERY
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61040406	LOOPERS,HOSIERY
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	61040403	KNITTING MACHINE OPERATORS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	50142205	TESTERS
17339900	TEXTILE PRODUCTION AND FABRICATION, OTHE	50083218	SEWING MACHINE MECHANICS
17340200	SHOE REPAIR	50143602	SHOE REPAIRERS
17350000	UPHOLSTERING	50144600	UPHOLSTERERS
17350000	UPHOLSTERING	50080600	AUTO SEAT COVER,TOP INSTALLERS
17360100	MILLWORK & CABINET MAKING	61085017	TRIM SAW OPERATORS
17360100	MILLWORK & CABINET MAKING	61085012	RIPSAW OPERATORS
17360100	MILLWORK & CABINET MAKING	61085008	HEAD SAWYERS
17360100	MILLWORK & CABINET MAKING	61021404	WOOD MACHINISTS
17360100	MILLWORK & CABINET MAKING	50140400	CABINETMAKERS
17990000	OTHER TRADES AND INDUSTRIES	61083204	BUTCHERS,ALL-AROUND
17991800	REPAIR AND MAINTENANCE, GASOLINE POWERED	50083299	ALL OTHER MECHANICS & REPAIR
17991900	TRUCK DRIVERS	62002200	TRUCK DRIVERS
17992500	HANDCRAFTED GLASSMAKING SKILLS	*	
		61083620	GAGERS
		61089204	EXTERMINATORS

* THE BLANK SPACES INDICATE THAT THERE WAS NO CORRESPONDING OES CODE